



... harnessed cables for drive technology ...













chainflex® readycable® ▶▶

Selection according to manufacturer

Jacket

Page

Harnessed cables for drive technology

Manufacturer	Cable Types	Jacket	Page
 Allen Bradley/ Rockwell	Motor cables		584
	Servo cables		
	Hybrid servo cables	PVC/PUR/TPE	
	Brake cables		
	Feedback cables		
 B&R	Adapter cables (transition cable)		585
	Motor cables		
	Servo cables		
	EnDat cables	PVC/PUR/TPE	
	Encoder cables		
 Baumüller	Resolver cables	PVC/PUR/TPE	585
	Pulse encoder cable		
	Servo cables		
 Baumüller, SpeedTec New!	Servo cables, SpeedTec		588
	Resolver cables, SpeedTec	PVC/PUR/TPE	
	Pulse encoder cables, SpeedTec		
 Beckhoff	Motor cables		590
	Servo cables		
	Hybrid servo cables		
	Encoder cables	PVC/PUR/TPE	
	Thermal protection cables		
	Resolver cables		
 Berger Lahr	Network cables EtherCAT		590
	Servo cables	PVC/PUR/TPE	
 Bosch Rexroth	Resolver cables		590
	Motor cables		
	Servo cables	PVC/PUR/TPE	
	Hybrid servo cables		
 ELAU/ Schneider Electric	Encoder cables		593
	Servo cables		
	Hybrid servo cables	PVC/PUR/TPE	
 FAGOR	Encoder cables		593
 Fanuc	Path measuring cables	PUR/TPE	593
	Motor cables		
	Servo cables	PVC/PUR/TPE	
	Brake cables		
 Festo	Signal cables		594
	Servo cables		
	Control cables		
	Encoder cables	PVC/PUR/TPE	
	Data cables		
 Heidenhain	Bus cables		594
	Servo cables	PVC/PUR/TPE	
	Adapter cables		












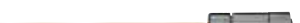




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Selection according to manufacturer Jacket Page

Harnessed cables for drive technology

	Jetter	Motor cables Servo cables Resolver cables	PVC/PUR/TPE	595
	Kollmorgen/ Danaher Motion	Motor cables Servo cables Signal cables	PVC/PUR/TPE	595
	Lenze	Servo cables Fan cables Decoder cables Encoder cables Feedback cables Resolver cables	PVC/PUR/TPE	598
	LinMot	Motor cables Servo cables	PVC/PUR	599
	LTi DRIVES	Servo cables Encoder cables	PVC/PUR/TPE	599
	Mitsubishi Electric	Motor cables Encoder cables	PVC/PUR	599
	Nidec/Control Techniques	Motor cables Servo cables Encoder cables	PVC/PUR/TPE	599
	NUM	Power cables Servo cables Fan cables Encoder cables	PVC/PUR/TPE	601
	Omron	Motor cables Control cables Encoder cables	PVC/PUR/TPE	601
	Parker	Motor cables Resolver cables	PVC/PUR/TPE	601
	SEW	Motor cables Servo cables Hybrid servo cables Control cables Encoder cables	PVC/PUR/TPE	602
	Siemens	Power cables Servo cables Signal cables Signal cables DriveCliq	PVC/PUR/TPE	603
	Siemens, SpeedTec	Power cables, SpeedTec Servo cables, SpeedTec Signal cables, SpeedTec	PVC/PUR/TPE	606
	Stöber	Servo cables Encoder cables	PVC/PUR/TPE	607

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online

Harnessed cables for drive technology

Example: chainflex® PVC cables for the woodworking industry



Typical application areas – PVC

- For heavy duty applications
- Light oil influence
- Preferably indoor applications, but also outdoor ones at temperatures > 5°C
- Unsupported travel distances and up to 100m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/packaging machines, quick handling, indoor cranes, woodworking

Example: chainflex® PUR cables for the machine tools industry



Typical application areas – PUR

- For heaviest duty applications
- Almost unlimited resistance to oil
- Indoor and outdoor applications, UV-resistant
- Unsupported travel distances and up to 100m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, cleanroom, semiconductor insertion, outdoor cranes, low-temperature applications

Example: chainflex® TPE cables for outdoor use



Typical application areas – TPE

- For heaviest duty applications
- Almost unlimited resistance to oil, also with bio-oils
- Indoor and outdoor applications, UV-resistant
- Unsupported travels and up to 400m and more for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, cleanroom, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Our product engineers will be happy to advise you in your choice of application-specific cables.

chainflex® readycable®

Selection chart for igus® chainflex® cables (you can find the green number on

chainflex® readycable®

the product pages of the respective manufacturers)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
chainflex® series	CF31	CF35.UL	CF38	CF210.UL	CF21.UL	CF270.UL.D	CF27.D	CF211 Mess	CF111.D	CF113.D	CF11.D	CFBUS	CF240.PUR	CF211	CF211.PUR	CF11
Class	5.5.2.1	6.6.4.1	7.6.4.1	4.2.2.1	5.5.2.1	4.2.3.1	6.5.3.1	4.2.2.1	4.2.3.1	6.5.3.1	6.6.4.1	6.6.4.1	4.4.3.1	5.5.2.1	5.5.3.1	6.6.4.1
Outer jacket	PVC	TPE	TPE	PVC	PVC	PUR	PUR	PVC	PUR	PUR	TPE	TPE	PUR	PVC	PUR	TPE
Shielded	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimum bend radius	7.5 x d	7.5 x d	7.5 x d	10 x d	7.5 x d	10 x d	7.5 x d	10 x d	10 x d	7.5 x d	7.5 x d	10 - 12.5 x d	10 x d	7.5 x d	7.5 x d	6.8 x d
Travel distance [m]	≤ 100	≤ 400	≤ 400	≤ 10	≤ 100	≤ 10	≤ 100	≤ 10	≤ 10	≤ 100	≤ 400	≤ 400	≤ 50	≤ 100	≤ 100	≤ 400
Oil-resistant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant						✓	✓		✓	✓			✓		✓	
Flame-retardant	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
Halogen-free			✓			✓	✓		✓	✓	✓		✓			✓
Notch-resistant						✓	✓		✓	✓			✓		✓	
Hydrolysis and microbe-resistant		✓	✓			✓	✓		✓	✓	✓	✓	✓		✓	✓
Temperature, from/to [°C]	-5/+70	-35/+90	-35/+90	+5/+70	+5/+70	-25/+80	-25/+80	+5/+70	-25/+80	-25/+80	-35/+90	-35/+70	-25/+80	+5/+70	-25/+80	-35/+100
Nominal voltage [V]	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	600/1,000	50	50	50	50	50	300/300	300/300	300/300	300/300
Colour	Jet black	Signal black	Jet black	Pastel orange	Moss green	Pastel orange	Pastel orange	Yellow-green	Yellow-green	Yellow-green	Yellow-green	Red lilac	Silver grey	Silver grey	Silver grey	Steel blue
CE/UKCA																
REACH/RoHS																
Cleanroom																
EAC																
UL/CSA + NFPA																
Desina																
More information																
► Catalogue page	328	348	354	282	286	292	296	246	256	262	268	204	150	154	158	162
www.igus.eu/	CF31	CF35UL	CF38	CF210UL	CF21UL	CF270ULD	CF27D	CF211M	CF111D	CF113D	CF11D	CFBUS	CF240PUR	CF211	CF211PUR	CF11

chainflex® readycable®

Selection chart for igus® chainflex® cables (you can find the green number on

chainflex® readycable®

the product pages of the respective manufacturers)

	17	18	19	20	21	22	23		24	25	26	27	28	29	30	31
chainflex® series	CF130.UL	CF140.UL	CF5	CF6	CF77.UL.D	CF78.UL	CF9		CF10	CF9.UL	CF220.UL.H	CF280.UL.H	CFBUS.PVC	CFBUS.PUR	CF240	CF29.D
Class	4.4.1.1	4.4.1.1	5.5.2.1	5.5.2.1	5.5.3.1	5.5.3.1	7.6.4.2		7.6.4.1	6.6.4.2	4.2.2.1	4.2.3.1	4.3.2.1	4.3.3.1	4.4.2.1	7.6.4.1
Outer jacket	PVC	PVC	PVC	PVC	PUR	PUR	TPE		TPE	TPE	PVC	PUR	PVC	PUR	PVC	TPE
Shielded		✓		✓		✓			✓		✓	✓	✓	✓	✓	✓
Minimum bend radius	7.5 x d	7.5 x d	6.8 x d	6.8 x d	6.8 x d	6.8 x d	5 x d		5 x d	5 x d	10 x d	10 x d	12.5 x d	12.5 x d	10 x d	6.8 x d
Travel distance [m]	≤ 50	≤ 50	≤ 50	≤ 50	≤ 100	≤ 100	> 400		> 400	> 400	≤ 10	≤ 10	≤ 20	≤ 20	≤ 50	≤ 400
Oil-resistant			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant					✓	✓					✓			✓		✓
Flame-retardant	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	
Halogen-free					✓	✓	✓		✓			✓		✓		✓
Notch-resistant					✓	✓						✓		✓		
Hydrolysis and microbe-resistant					✓	✓	✓		✓	✓		✓		✓		✓
Temperature, from/to [°C]	+5/+70	+5/+70	+5/+70	+5/+70	-25/+80	-25/+80	-35/+100		-35/+100	-35/+100	+5/+70	-25/+80	+5/+70	-20/+70	-15/+70	-55/+100
Nominal voltage [V]	300/500	300/500	300/500	300/500	300/500	300/500	300/500		300/500	300/500	600/1,000	600/1,000	50	50	300/300	600/1,000
Colour	Silver grey	Silver grey	Moss green	Moss green	Window grey	Window grey	Steel blue		Steel blue	Slate grey	Pastel orange	Pastel orange	Red lilac	Red lilac	Silver grey	Pastel orange
CE/UKCA																
REACH/RoHS																
Cleanroom																
EAC																
UL/CSA + NFPA																
Desina																
More information																
► Catalogue page	66	70	82	86	102	106	114		118	122	302	306	192	200	146	300
www.igus.eu/	CF130	CF140	CF5	CF6	CF77	CF78	CF9		CF10	CF9UL	CF220ULH	CF280ULH	CFBUSPVC	CFBUSPUR	CF240	CF29.D

... plan quickly ... directly in CAE ...

... EPLAN macros



Load our readycable® quickly and easily via the EPLAN data portal into your electrical design using EPLAN macros. These macros already contain parts lists and assignment diagrams.

Siemens, SEW, Bosch Rexroth are now followed by five other well-known manufacturers. With **Allen Bradley, Beckhoff, B&R, Heidenhain and Fanuc**, we are expanding our online range with 2,046 more datasets.

This means that with the new macros, the customer can already bring **complete readycable® product data** into their EPLAN during the electrical design phase and complete their parts list.

While the electrical details are being worked out in the design department, the user can go **online to the EPLAN data portal** and filter for e.g. 0198 9308 and find all igus® cables in the known qualities, which can

then be selected according to their application and use in their personal product range.

- Automatic generation of cable plan, parts list and further design documents in CAE system
- 7 qualities per cable directly available in EPLAN
- Select cables, calculate service life and order online: www.igus.eu/readycable
- Reduce design time by 50% with ready-to-use EPLAN macros
- Easily designed digitally & can be ordered online immediately
- No minimum quantity surcharges, no cutting charges
- 36-month guarantee on cables sold by the metre
- Prefabricated modules or macros directly usable in EPLAN as can be seen in the video tutorial: www.igus.eu/eplan-macro

EPLAN macros are available for readycable® drive cables suitable for eight manufacturers:

Allen Bradley ▶ Page 584

B&R ▶ Page 585

Beckhoff ▶ Page 590

Bosch Rexroth ▶ Page 590

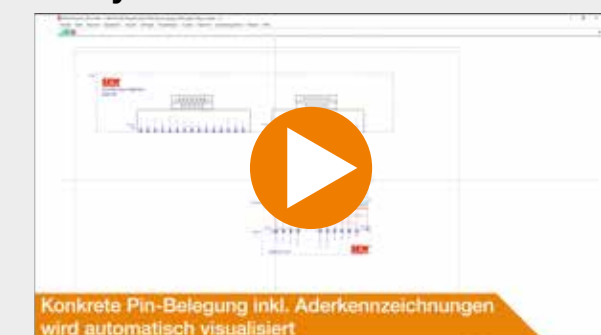
Fanuc ▶ Page 593

Heidenhain ▶ Page 594

SEW ▶ Page 602

Siemens ▶ Page 604

Tutorial on new EPLAN macros for readycable® suitable to SEW



Konkrete Pin-Belegung inkl. Aderkennzeichnungen wird automatisch visualisiert



www.igus.eu/eplan-macro

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Allen-Bradley/Rockwell					
Motor cables					
2090-CPWM4DF-08AFxx	PVC/PUR/TPE	608			
2090-CPWM4DF-10AFxx	PVC/PUR/TPE	608			
2090-CPWM4DF-12AFxx	PVC/PUR/TPE	608			
2090-CPWM4DF-14AFxx	PVC/PUR/TPE	608			
2090-CPWM4DF-16AFxx	PVC/PUR/TPE	608			
2090-CPWM7DF-02AF	PVC/PUR	608			
2090-CPWM7DF-04AF	PVC/PUR/TPE	608			
2090-CPWM7DF-06AF	PVC/PUR/TPE	608			
2090-CPWM7DF-08AFxx	PVC/PUR/TPE	609	2090-CPWM7E7-08AF	PUR	610
2090-CPWM7DF-10AFxx	PVC/PUR/TPE	609	2090-CPWM7E7-10AF	PUR	610
2090-CPWM7DF-12AFxx	PVC/PUR/TPE	609	2090-CPWM7E7-12AF	PUR	610
2090-CPWM7DF-14AFxx	PVC/PUR/TPE	609	2090-CPWM7E7-14AF	PUR	610
2090-CPWM7DF-16AFxx	PVC/PUR/TPE	609	2090-CPWM7E7-16AF	PUR	610
2090-XX_PMP-10SXX	PVC/TPE/PUR	609			
2090-XX_PMP-14SXX	PVC/PUR/TPE	609			
2090-XX_PMP-16SXX	PVC/PUR/TPE	610			
Servo cables					
2090-CPBM4DF-08AFxx	PVC/PUR	610			
2090-CPBM4DF-10AFxx	PVC/PUR	610			
2090-CPBM4DF-12AFxx	PVC/PUR	611			
2090-CPBM4DF-14AFxx	PVC/PUR	611			
2090-CPBM4DF-16AFxx	PVC/PUR	611			
2090-CPBM7DF-02AF	PUR	611			
2090-CPBM7DF-04AF	PUR	611			
2090-CPBM7DF-06AF	PUR	611			
2090-CPBM7DF-08AFxx	PVC/PUR	611	2090-CPBM7E7-08AFxx	PVC/PUR	612
2090-CPBM7DF-10AFxx	PVC/PUR	612	2090-CPBM7E7-10AFxx	PVC/PUR	613
2090-CPBM7DF-12AFxx	PVC/PUR	612	2090-CPBM7E7-12AFxx	PVC/PUR	613
2090-CPBM7DF-14AFxx	PVC/PUR	612	2090-CPBM7E7-14AFxx	PVC/PUR	613
2090-CPBM7DF-16AFxx	PVC/PUR	612	2090-CPBM7E7-16AFxx	PVC/PUR	613
2090-XX_PMF-10SXX	PVC/PUR	612			
2090-XX_PMF-14SXX	PVC/PUR	612			
2090-XX_PMF-16SXX	PVC/PUR	612			
Hybrid servo cables					
2090-CSBM1DE-10AF	PUR	613			
2090-CSBM1DE-14AF	PVC/PUR	613			
2090-CSBM1DE-18AF	PVC/PUR	613			
2090-CSBM1DF-10AF	PUR	614			
2090-CSBM1DF-14AF	PVC/PUR	614			
2090-CSBM1DF-18AF	PVC/PUR	614			
2090-CSBM1DG-10AF	PUR	614			
2090-CSBM1DG-14AF	PVC/PUR	614			
2090-CSBM1DG-18AF	PVC/PUR	614			
2090-CSWM1DE-10AF	PUR	615			
2090-CSWM1DE-14AF	PVC/PUR	615			
2090-CSWM1DE-18AF	PVC/PUR	615			
2090-CSWM1DF-10AF	PUR	615			
2090-CSWM1DF-14AF	PVC/PUR	615			
2090-CSWM1DF-18AF	PVC/PUR	615			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
2090-CSWM1DG-10AF	PUR	615			
2090-CSWM1DG-14AF	PVC/PUR	615			
2090-CSWM1DG-18AF	PVC/PUR	616			
Brake cables					
2090-UX_BMP-18SXX	PVC/PUR	616			
Feedback cables					
2090-CFBM4DF-CDAFxx	PUR/TPE	616			
2090-CFBM4DF-CEAFxx	PUR/TPE	617			
2090-CFBM7DD-CDAFxx	PUR	617			
2090-CFBM7DD-CEAFxx	PUR	617			
2090-CFBM7DF-CDAFxx	PUR/TPE	617	2090-CFBM7E7-CDAFxx	PUR/TPE	620
2090-CFBM7DF-CEAFxx	PUR/TPE	617	2090-CFBM7E7-CEAFxx	PUR/TPE	620
2090-XX_FMF-Sxx	PUR/TPE	617			
2090-XX_FMP-Sxx	PUR/TPE	617			
Adapter cables (transition cables)					
2090-CFBM4E2-CATR	PUR	618			
2090-CPWM4E2-14TR	PUR	618			
B&R					
Motor cables					
8BCMxxxx.1011A-0	PUR/PVC	618			
8BCMxxxx.1034C-0	PUR/PVC	618			
8BCMxxxx.1312A-0	PUR/PVC	618			
8BCMxxxx.1322A-0	PUR/PVC	619			
8CMxxx.12-0	PUR/PVC	619			
Servo cables					
8BCMxxxx.1111A-0	PUR/PVC	619			
8BCMxxxx.1311A-0	PUR/PVC	619			
8CMxxx.12-1	PUR/PVC	619			
8CMxxx.12-3	PUR/PVC	619			
8CMxxx.12-5	PUR/PVC	619			
Hybrid servo cables					
8BCHxxxx.1111A-0	PUR	620			
8BCHxxxx.1312A-0	PUR	620			
8CHxxxx.1111A-0	PUR	620			
8ECHxxxx.1111A-0	PUR	620	8ECH00xx.11140-0	PUR	620
EnDat cables					
8BCExxxx.1111A-0	TPE/PVC/PUR	620			
8CExxx.12-1	TPE/PVC/PUR	620			
Encoder cables					
8BCFxxxx.1221B-0	PVC/PUR	620			
8BCRxxxx.1121A-0	TPE/PVC/PUR	621			
8BCSxxxx.1111A-0	TPE/PVC/PUR	621			
Resolver cables					
8BCRxxx.1111A-0	TPE/PVC/PUR	621			
8CRxxx.12-1	TPE/PVC/PUR	621			
Bus cables					
X20CA3E61.xxxx	PVC/PUR/TPE	621			
X67CA0E41.xxxx	PVC/PUR/TPE	621			
Baumüller					
Servo cables					
324781 (5m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	625

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Baumüller					
Servo cables					
324782 (7m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	625
324783 (10m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	625
324784 (15m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	625
324785 (20m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	625
324786 (25m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	623
324787 (30m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	623
324788 (35m)	PVC/PUR	622	324781 (5m) (ext.)	PVC/PUR	623
324789 (40m)	PVC/PUR	623	324781 (5m) (ext.)	PVC/PUR	623
324790 (50m)	PVC/PUR	623	324781 (5m) (ext.)	PVC/PUR	623
324791 (75m)	PVC/PUR	623	324781 (5m) (ext.)	PVC/PUR	623
324792 (100m)	PVC/PUR	623	324781 (5m) (ext.)	PVC/PUR	623
326577 (5m)	PVC/PUR	625	326577 (5m) (ext.)	PVC/PUR	627
326578 (7m)	PVC/PUR	625	326577 (5m) (ext.)	PVC/PUR	627
326579 (10m)	PVC/PUR	625	326577 (5m) (ext.)	PVC/PUR	627
326580 (15m)	PVC/PUR	625	326577 (5m) (ext.)	PVC/PUR	627
326581 (20m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326582 (25m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326583 (30m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326584 (35m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326585 (40m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326586 (50m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326587 (75m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326588 (100m)	PVC/PUR	626	326577 (5m) (ext.)	PVC/PUR	627
326589 (5m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326591 (7m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326592 (10m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326593 (15m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326594 (20m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326596 (25m)	PVC/PUR	627	326589 (5m) (ext.)	PVC/PUR	628
326597 (30m)	PVC/PUR	628	326589 (5m) (ext.)	PVC/PUR	628
326598 (35m)	PVC/PUR	628	326589 (5m) (ext.)	PVC/PUR	628
326599 (40m)	PVC/PUR	628	326589 (5m) (ext.)	PVC/PUR	628
326600 (5m)	PVC/PUR	628	326600 (5m) (ext.)	PVC/PUR	629
326601 (7m)	PVC/PUR	628	326600 (5m) (ext.)	PVC/PUR	629
326602 (10m)	PVC/PUR	628	326600 (5m) (ext.)	PVC/PUR	629
326603 (15m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326604 (20m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326605 (25m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326606 (30m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326607 (35m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326608 (40m)	PVC/PUR	629	326600 (5m) (ext.)	PVC/PUR	629
326609 (5m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326610 (7m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326611 (10m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326612 (15m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326613 (20m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326614 (25m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326615 (30m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
326616 (35m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631

Basic cables	Jacket	Page	Extension cables	Jacket	Page
326617 (40m)	PVC/PUR	630	326609 (5m) (ext.)	PVC/PUR	631
380967 (7m)	PVC/PUR	623	414840 (5m) (ext.)	PVC/PUR	625
413410 (10m)	PVC/PUR	623	414840 (5m) (ext.)	PVC/PUR	625
414840 (5m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414841 (15m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414842 (20m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414843 (25m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414846 (30m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414848 (35m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414849 (40m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414850 (50m)	PVC/PUR	624	414840 (5m) (ext.)	PVC/PUR	625
414851 (75m)	PVC/PUR	625	414840 (5m) (ext.)	PVC/PUR	625
414852 (100m)	PVC/PUR	625	414840 (5m) (ext.)	PVC/PUR	625
Resolver cables					
239540 (5m)	PVC/TPE/PUR	631	246658 (3m) (ext.)	PVC/TPE/PUR	633
239541 (8m)	PVC/TPE/PUR	631	246658 (3m) (ext.)	PVC/TPE/PUR	633
239542 (10m)	PVC/TPE/PUR	631	246658 (3m) (ext.)	PVC/TPE/PUR	633
239543 (15m)	PVC/TPE/PUR	631	246658 (3m) (ext.)	PVC/TPE/PUR	633
239544 (20m)	PUR	631	246658 (3m) (ext.)	PUR	633
239544 (20m)	PVC/TPE	631	246658 (3m) (ext.)	PVC/TPE	633
239545 (25m)	PVC/TPE/PUR	631	246658 (3m) (ext.)	PVC/TPE/PUR	633
239546 (30m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
239547 (35m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
240520 (40m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
240521 (45m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
240522 (50m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
242954 (6m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
243379 (4m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
244033 (55m)	PVC/TPE/PUR	632	246658 (3m) (ext.)	PVC/TPE/PUR	633
245484 (60m)	PVC/TPE/PUR	633	246658 (3m) (ext.)	PVC/TPE/PUR	633
246658 (3m)	PVC/TPE/PUR	633	246658 (3m) (ext.)	PVC/TPE/PUR	633
Pulse encoder cable					
198962 (3m)	PVC/TPE/PUR	633	198962 (3m) (ext.)	PVC/TPE/PUR	634
198963 (5m)	PVC/TPE/PUR	633	198962 (3m) (ext.)	PVC/TPE/PUR	634
198964 (8m)	PVC/TPE/PUR	633	198962 (3m) (ext.)	PVC/TPE/PUR	634
198965 (10m)	PVC/TPE/PUR	633	198962 (3m) (ext.)	PVC/TPE/PUR	634
198966 (15m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
198967 (20m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
198968 (25m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
198969 (30m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
208829 (40m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
225360 (35m)	PVC/TPE/PUR	634	198962 (3m) (ext.)	PVC/TPE/PUR	634
369864 (3m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
371494 (20m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
378022 (50m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
380358 (35m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
382005 (45m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
389807 (7m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637
389808 (9m)	PVC/TPE	635	393889 (2m) (ext.)	PVC/TPE	637
389808 (9m)	PUR	635	393889 (2m) (ext.)	PUR	637
391216 (40m)	PVC/TPE/PUR	635	393889 (2m) (ext.)	PVC/TPE/PUR	637

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Baumüller					
Pulse encoder cable					
393889 (2m)	PVC/TPE	636	393889 (2m) (ext.)	PVC/TPE	637
393889 (2m)	PUR	636	393889 (2m) (ext.)	PUR	637
393890 (8m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
393891 (10m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
393892 (15m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
393893 (25m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
393894 (30m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
394014 (5m)	PVC/TPE/PUR	636	393889 (2m) (ext.)	PVC/TPE/PUR	637
Baumüller, SpeedTec					
Servo cables, SpeedTec					
445872	PVC/PUR	638	445872	PVC/PUR	639
445887	PVC/PUR	638	445872	PVC/PUR	639
445889	PVC/PUR	638	445872	PVC/PUR	639
447675	PVC/PUR	638	445872	PVC/PUR	639
447676	PVC/PUR	638	445872	PVC/PUR	639
447677	PVC/PUR	638	445872	PVC/PUR	639
447678	PVC/PUR	638	445872	PVC/PUR	639
447679	PVC/PUR	638	445872	PVC/PUR	639
447680	PVC/PUR	639	445872	PVC/PUR	639
447681	PVC/PUR	639	445872	PVC/PUR	639
447682	PVC/PUR	639	445872	PVC/PUR	639
447683	PVC/PUR	639	445872	PVC/PUR	639
447684	PVC/PUR	639	445872	PVC/PUR	639
447687	PVC/PUR	639	445872	PVC/PUR	639
447688	PVC/PUR	640	447684	PVC/PUR	641
447692	PVC/PUR	640	447684	PVC/PUR	641
447698	PVC/PUR	640	447684	PVC/PUR	641
447852	PVC/PUR	640	447684	PVC/PUR	641
447853	PVC/PUR	640	447684	PVC/PUR	641
447854	PVC/PUR	640	447684	PVC/PUR	641
447855	PVC/PUR	640	447684	PVC/PUR	641
447856	PVC/PUR	640	447684	PVC/PUR	641
447857	PVC/PUR	641	447684	PVC/PUR	641
447858	PVC/PUR	641	447684	PVC/PUR	641
447686	PVC/PUR	641	447686	PVC/PUR	643
447689	PVC/PUR	641	447686	PVC/PUR	643
447690	PVC/PUR	641	447686	PVC/PUR	643
447691	PVC/PUR	641	447686	PVC/PUR	643
447693	PVC/PUR	642	447686	PVC/PUR	643
447694	PVC/PUR	642	447686	PVC/PUR	643
447695	PVC/PUR	642	447686	PVC/PUR	643
447696	PVC/PUR	642	447686	PVC/PUR	643
447697	PVC/PUR	642	447686	PVC/PUR	643
447699	PVC/PUR	642	447686	PVC/PUR	643
448060	PVC/PUR	642	447686	PVC/PUR	643
448061	PVC/PUR	642	447686	PVC/PUR	643
448063	PVC/PUR	643	448063	PVC/PUR	644
448064	PVC/PUR	643	448063	PVC/PUR	644
448065	PVC/PUR	643	448063	PVC/PUR	644

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448066	PVC/PUR	643	448063	PVC/PUR	644
448067	PVC/PUR	643	448063	PVC/PUR	644
448069	PVC/PUR	643	448063	PVC/PUR	644
448070	PVC/PUR	644	448063	PVC/PUR	644
448071	PVC/PUR	644	448063	PVC/PUR	644
448072	PVC/PUR	644	448063	PVC/PUR	644
448080	PVC/PUR	644	448080	PVC/PUR	645
448118	PVC/PUR	644	448080	PVC/PUR	645
448119	PVC/PUR	645	448080	PVC/PUR	645
448120	PVC/PUR	645	448080	PVC/PUR	645
448121	PVC/PUR	645	448080	PVC/PUR	645
448122	PVC/PUR	645	448080	PVC/PUR	645
448123	PVC/PUR	645	448080	PVC/PUR	645
448124	PVC/PUR	645	448080	PVC/PUR	645
448125	PVC/PUR	645	448080	PVC/PUR	645
448129	PVC/PUR	646	448129	PVC/PUR	647
448131	PVC/PUR	646	448129	PVC/PUR	647
448132	PVC/PUR	646	448129	PVC/PUR	647
448133	PVC/PUR	646	448129	PVC/PUR	647
448134	PVC/PUR	646	448129	PVC/PUR	647
448135	PVC/PUR	646	448129	PVC/PUR	647
448136	PVC/PUR	646	448129	PVC/PUR	647
448137	PVC/PUR	646	448129	PVC/PUR	647
448138	PVC/PUR	646	448129	PVC/PUR	647
Resolver cables, SpeedTec					
448944	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448945	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448946	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448948	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448949	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448956	PVC/PUR/TPE	647	448944	PVC/PUR/TPE	649
448962	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448967	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448970	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448971	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448973	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448976	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448978	PVC/PUR/TPE	648	448944	PVC/PUR/TPE	649
448980	PVC/PUR/TPE	649	448944	PVC/PUR/TPE	649
448981	PVC/PUR/TPE	649	448944	PVC/PUR/TPE	649
448982	PVC/PUR/TPE	649	448944	PVC/PUR/TPE	649
Pulse encoder cables, SpeedTec					
448816	PVC/PUR/TPE	649	448816	PVC/PUR/TPE	651
448817	PVC/PUR/TPE	649	448816	PVC/PUR/TPE	651
448818	PVC/PUR/TPE	649	448816	PVC/PUR/TPE	651
448819	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448820	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448821	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448822	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448823	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448824	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651
448826	PVC/PUR/TPE	650	448816	PVC/PUR/TPE	651

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Baumüller, SpeedTec					
Pulse encoder cables, SpeedTec					
448827	PVC/PUR/TPE	651	448816	PVC/PUR/TPE	651
448828	PVC/PUR/TPE	651	448816	PVC/PUR/TPE	651
448830	PVC/PUR/TPE	651	448816	PVC/PUR/TPE	651
448832	PVC/PUR/TPE	651	448816	PVC/PUR/TPE	651
Beckhoff					
Motor cables					
ZK4500-8015-xxx	PUR	652			
ZK4500-8024-xxx	PVC/PUR	652			
ZK4501-8024-xxx	PVC/PUR	652			
ZK4530-8110-xxxx	PVC/PUR	652			
Servo cables					
ZK4000-2111-xxxx	PVC/PUR	652			
ZK4000-2112-xxxx	PVC/PUR	652			
ZK4000-2711-xxxx	PVC/PUR	653			
ZK4500-0023-xxxx	PVC/PUR	653	ZK4501-0023-xxxx	PVC/PUR	653
ZK4500-0024-xxxx	PVC/PUR	653	ZK4501-0024-xxxx	PVC/PUR	653
Hybrid servo cables					
ZK4500-8022-xxxx	PVC/PUR	654	ZK4501-8022-xxxx	PVC/PUR	654
ZK4500-8023-xxxx	PVC/PUR	654	ZK4501-8023-xxxx	PVC/PUR	654
ZK4704-0421-xxxx	PVC/PUR	654			
Encoder cables					
ZK4000-2410-xxxx	PVC/PUR	654			
ZK4000-2610-xxxx	PVC/PUR	654			
ZK4510-0020-xxxx	PVC/PUR	655	ZK4511-0020-xxxx	PVC/PUR	655
ZK4520-0020-xxxx	PVC/PUR	655			
Thermal protection cables					
ZK4000-2510-xxxx	PVC/TPE	655			
Resolver cables					
ZK4000-2210-xxxx	PVC/PUR/TPE	655			
ZK4530-0010-xxxx	PVC/PUR/TPE	655	ZK4531-0020-xxxx	PVC/PUR/TPE	656
ZK4530-8010-xxxx	PVC/PUR/TPE	656	ZK4724-0410-xxxx	PVC/PUR/TPE	656
Network cables EtherCAT					
ZK1090-9191-xxxx	TPE	656			
Berger Lahr					
Servo cables					
VW3M5101Rxxx	PUR/PVC	657			
VW3M5102Rxxx	PUR/PVC	657			
Resolver cables					
VW3M8101Rxxx	TPE/PUR/PVC	657			
Bosch Rexroth					
Power cables					
IKG0331	PUR/PVC	658	IKG0332	PUR/PVC	667
IKG4008	PUR/PVC	658	IKG4006	PUR/PVC	667
IKG4009	PUR/PVC	658	IKG4006	PUR/PVC	667
IKG4017	PUR/PVC	658	IKG4006	PUR/PVC	667
IKG4018	PUR/PVC	658			
IKG4020	PUR/PVC	658			
IKG4055	PUR/PVC	658			
IKG4060	PUR/PVC	658			

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IKG4067	PUR/PVC	658	IKG4061	PUR/PVC	667
IKG4070	PUR/PVC	659	IKG4061	PUR/PVC	667
IKG4072	PUR/PVC	659	IKG4074	PUR/PVC	667
IKG4087	PUR/PVC	659	IKG4081	PUR/PVC	667
IKG4090	PUR/PVC	659	IKG4081	PUR/PVC	667
IKG4100	PUR/PVC	659			
IKG4103	PUR/PVC	659			
IKG4107	PUR/PVC	659			
IKG4118	PUR/PVC	659			
IKG4119	PUR/PVC	660			
IKG4147	PUR/PVC	660	IKG4141	PUR/PVC	667
IKG4150	PUR/PVC	660	IKG4141	PUR/PVC	667
IKG4155	PUR/PVC	660	IKG4141	PUR/PVC	667
IKG4164	PUR/PVC	660			
IKG4167	PUR/PVC	660	IKG4161	PUR/PVC	667
IKG4172	PUR/PVC	660			
IKG4173	PUR/PVC	660			
IKG4186	PUR/PVC	661			
IKG4200	PUR/PVC	661			
IKG4204	PUR/PVC	661			
IKL0001	PUR/PVC	661	IKL0003	PUR/PVC	667
IKL0002	PVC/PUR	661			
IKL0006	PUR/PVC	661			
IKL0011	PUR/PVC	661			
IKL0012	PVC/PUR	661			
IKL0021	PUR/PVC	661	IKL0023	PUR/PVC	668
IKL0022	PVC/PUR	661			
IKL0041	PUR/PVC	662			
IKL0042	PUR/PVC	662			
IKL0061	PUR/PVC	662			
IKL0081	PUR/PVC	662	IKL0089	PUR/PVC	668
IKL0101	PUR/PVC	662			
IKL0121	PUR/PVC	662			
IKL0161	PUR/PVC	662	IKL0168	PUR/PVC	668
RKL0006	PVC/PUR	663			
RKL0013	PVC/PUR	663			
RKL0014	PVC/PUR	663			
RKL0019	PVC/PUR	663			
RKL0053	PVC/PUR	663			
RKL0054	PVC/PUR	663			
RKL4300	PUR/PVC	663	RKL4304	PUR/PVC	668
RKL4301	PUR/PVC	663	RKL4304	PUR/PVC	668
RKL4302	PUR/PVC	663	RKL4305	PUR/PVC	668
RKL4303	PUR/PVC	664	RKL4305	PUR/PVC	668
RKL4306	PUR/PVC	664	RKL4311	PUR/PVC	668
RKL4307	PUR/PVC	664	RKL4311	PUR/PVC	668
RKL4308	PUR/PVC	664			
RKL4309	PUR/PVC	664			
RKL4310	PUR/PVC	664	RKL4312	PUR/PVC	668
RKL4313	PUR/PVC	664	RKL4316	PUR/PVC	669
RKL4314	PUR/PVC	664	RKL4316	PUR/PVC	669

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Bosch Rexroth					
Power cables					
RKL4315	PUR/PVC	665	RKL4316	PUR/PVC	669
RKL4317	PUR/PVC	665	RKL4319	PUR/PVC	669
RKL4318	PUR/PVC	665	RKL4319	PUR/PVC	669
RKL4320	PUR/PVC	665			
RKL4321	PUR/PVC	665	RKL4336	PUR/PVC	669
RKL4322	PUR/PVC	665			
RKL4323	PUR/PVC	665	RKL4338	PUR/PVC	669
RKL4324	PUR/PVC	665			
RKL4325	PUR/PVC	665			
RKL4326	PUR/PVC	666	RKL4336	PUR/PVC	669
RKL4327	PUR/PVC	666			
RKL4328	PUR/PVC	666	RKL4338	PUR/PVC	669
RKL4329	PUR/PVC	666			
RKL4330	PUR/PVC	666	RKL4340	PUR/PVC	669
RKL4331	PUR/PVC	666	RKL4341	PUR/PVC	669
RKL4332	PVC/PUR	666			
RKL4343	PVC/PUR	666			
RKL4344	PVC/PUR	666			
Servo cables					
RL2-002CBB-NN-xxx,x	PVC/PUR	670	RL2-500CBB-NN-xxx,x	PVC/PUR	670
RL2-022CBB-NN-xxx,x	PVC/PUR	670	RL2-521CBB-NN-xxx,x	PVC/PUR	670
RL2-045EBB-NN-xxx,x	PVC/PUR	670	RL2-542EBB-NN-xxx,x	PVC/PUR	670
Hybrid servo cables					
RH2-021DBB-NN	PUR	670			
RH2-022DBB-NN	PUR	670			
RH2-023DBB-NN	PUR	670			
RKH0101	PUR	671			
RKH0900	PUR	671			
Encoder cables					
IKS0230	TPE/PVC/PUR	671	IKS0232	TPE/PVC/PUR	674
IKS0251	TPE	671	IKS0255	TPE	674
IKS0253	TPE	671	IKS0255	TPE	674
IKS0259	TPE	671			
IKS0262	TPE	671			
IKS0301	TPE/PVC/PUR	671	IKS0303	TPE/PVC/PUR	674
IKS0315	TPE/PVC/PUR	671			
IKS0374	TPE/PVC/PUR	671			
IKS4001	TPE/PVC/PUR	672			
IKS4002	TPE/PVC/PUR	672			
IKS4020	TPE/PVC/PUR	672	IKS4376	TPE/PVC/PUR	675
IKS4038	TPE/PVC/PUR	672			
IKS4041	TPE/PVC/PUR	672			
IKS4042	TPE/PVC/PUR	672	IKS4151	TPE/PVC/PUR	674
IKS4066	TPE/PVC/PUR	672			
IKS4103	TPE/PVC/PUR	672	IKS4322	TPE/PVC/PUR	675
IKS4142	TPE/PVC/PUR	673	IKS4376	TPE/PVC/PUR	675
IKS4314	TPE/PVC/PUR	673			
IKS4374	TPE/PVC/PUR	673			
IKS4375	TPE/PVC/PUR	673			

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IKS4384	TPE/PVC/PUR	673			
IKS4389	TPE/PVC/PUR	673			
RG2-002AAB-NN-xxx,x	PVC/TPE	673	RG2-510AAB-NN-xxx,x	PVC/TPE	675
RKG0014	TPE/PVC/PUR	673			
RKG0020	TPE/PVC/PUR	673			
RKG0026	TPE/PVC/PUR	674			
RKG0028	TPE/PVC/PUR	674			
RKG4200	TPE/PVC/PUR	674	RKG4201	TPE/PVC/PUR	675
Elau/Schneider Electric					
Servo cables					
E-MO-067	PVC/PUR	676			
E-MO-087	PVC/PUR	676			
E-MO-092	PVC/PUR	676			
E-MO-111 SH-Motor 1.5	PVC/PUR	676			
E-MO-113 SH-Motor 2.5	PVC/PUR	676			
Hybrid servo cables					
E-MO-109, VW3E1109Rxxx	PUR	677			
E-MO-117, VW3E1117Rxxx	PUR	677			
E-MO-118, VW3E1118Rxxx	PUR	677			
E-MO-119, VW3E1119Rxxx	PUR	677			
E-MO-120, VW3E1120Rxxx	PUR	677			
E-MO-121, VW3E1121Rxxx	PUR	677			
E-MO-124, VW3E1124Rxxx	PUR	677			
E-MO-125, VW3E1125Rxxx	PUR	677			
E-MO-126, VW3E1126Rxxx	PUR	677			
E-MO-127, VW3E1127Rxxx	PUR	677			
Encoder cables					
E-FB-060	PVC/TPE	677			
E-FB-071	PVC/TPE/PUR	677			
E-FB-080	PVC/TPE/PUR	677			
Fagor					
Path measuring cables					
			iEEC-x	PUR/TPE	678
			iXC-C2-D	PUR/TPE	678
			iXC-C2-FN2	PUR/TPE	678
			iXC-C2-H	PUR/TPE	678
			iXC-C4-D	PUR/TPE	678
			iXC-C8-F-C9	PUR/TPE	678
			iXC-C8-F-D	PUR/TPE	679
			iXC-C8-FN	PUR/TPE	679
Fanuc					
Power cables					
LX660-8077-T261	PUR/PVC/TPE	680			
LX660-8077-T264	PUR/PVC/TPE	680			
LX660-8077-T265	PUR/PVC/TPE	680			
LX660-8077-T266	PUR/PVC/TPE	680			
LX660-8077-T267	PUR/PVC/TPE	680			
LX660-8077-T270	PUR/PVC/TPE	680			
LX660-8077-T271	PUR/PVC/TPE	681			
LX660-8077-T272	PUR/PVC/TPE	681			
LX660-8077-T273	PUR/PVC/TPE	681			

... Fanuc ... Festo ... Heidenhain ...

Selection by manufacturer part number

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Fanuc					
Power cables					
LX660-8077-T291	PUR/PVC/TPE	681			
LX660-8077-T292	PUR/PVC/TPE	681			
LX660-8077-T293	PUR/PVC/TPE	681			
LX660-8077-T296	PUR/PVC/TPE	682			
LX660-8077-T298	PUR/PVC/TPE	682			
LX660-8077-T300	PUR/PVC/TPE	682			
Servo cables					
LX660-8077-T259	PUR	682			
LX660-8077-T274	PUR	682			
LX660-8077-T416	PUR	682			
LX660-8077-T451	PUR	682			
LX660-8077-T470	PUR	683			
LX660-8077-T471	PUR	683			
Brake cables					
LX660-8077-T311	PUR	683			
Signal cables					
LX660-2018-T015	PVC	683			
LX660-4077-T296	PUR/TPE	683			
LX660-4077-T297	PUR/TPE	683			
LX660-4077-T302	PUR/TPE	683			
LX660-4077-T303	PUR/TPE	684			
LX660-4077-T310	TPE	684			
LX660-4077-T319	PUR/TPE	684			
Festo					
Servo cables					
NEBM-M16G8-E-xxx-Q7-LE8	PUR	685			
NEBM-M23G6-E-xxx-N-LE7	PVC/PUR	685			
NEBM-M23G8-E-xxx-N-LE8	PVC/PUR	685			
NEBM-M40G8-E-xxx-N-LE7	PVC/PUR	685			
Control cables					
KPWR-MC-1-SUB-9HC-xxx	PVC/PUR	685			
Encoder cables					
NEBM-M23G12-E-xxx-N-S1G9	PVC/PUR/TPE	685			
Data cables					
KDI-MC-M8-SUB-9-xxx	PVC/PUR	686			
KES-MC-1-SUB-9-xxx	PVC/PUR	686			
NEBM-M12G8-E-xxx-N-S1G15	PVC/PUR/TPE	686			
NEBM-M12G8-E-xxx-S1G9	PVC/PUR/TPE	686			
NEBM-M12W8-E-xxx-N-S1G15	PVC/PUR/TPE	686			
NEBM-S1G15-E-xxx-LE6	PVC/PUR/TPE	687			
NEBM-S1G9-E-xxx-LE6	PVC/PUR	687			
Bus cables					
FBA-CO-SUB-9-M12	PVC/PUR/TPE	687			
Heidenhain					
Servo cables					
352 960-xx	PVC/PUR	688			
352 962-xx	PVC/PUR	688			
352 963-xx	PVC/PUR	688			

Heidenhain ... Jetter ... Kollmorgen/Danaher Motion ...

Selection by manufacturer part number

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Adapter cables					
298 401-xx	PVC/PUR/TPE	688			
333 164-xx	PVC/PUR/TPE	688			
368 330-xx	PVC/PUR	688			
524 599-xx	PVC/PUR/TPE	689			
534 855-xx	PVC/PUR/TPE	689			
605 424-xx	PVC/PUR/TPE	689			
289 440-xx	PVC/PUR/TPE	689			
298 399-xx	PVC/PUR/TPE	689			
298 400-xx	PVC/PUR/TPE	689			
309 783-xx	PVC/PUR/TPE	689			
336 376-xx	PVC/PUR/TPE	690			
604 419-xx	PUR/TPE	690			
298 402-xx	PUR/TPE	690			
309 738-xx	PUR/TPE	690			
309 774-xx	PUR/TPE	690			
368 172-xx	PVC/PUR/TPE	690			
309 777-xx	PUR/TPE	691			
309 778-xx	PUR/TPE	691			
533 627-xx	PUR/TPE	691			
310 193-xx	PUR/TPE	691			
310 197-xx	PUR/TPE	691			
310 199-xx	PUR/TPE	691			
323 897-xx	PUR/TPE	691			
324 544-xx	PUR/TPE	692			
332 115-xx	PUR/TPE	692			
335 077-xx	PUR/TPE	692			
354 411-xx	PUR/TPE	692			
355 398-xx	PUR/TPE	692			
360 472-xx	PUR/TPE	692			
309 779-xx	PUR/TPE	692			
309 780-xx	PUR/TPE	693			
354 770-xx	PUR/TPE	693			
Jetter					
Motor cables					
Cable No. 201	PVC/PUR/TPE	694			
Cable No. 203	PVC/PUR/TPE	694			
Cable No. 26.1	PVC/PUR/TPE	694			
Servo cables					
Cable No. 202	PVC/PUR	694			
Cable No. 204	PVC/PUR	694			
Cable No. 24.1	PVC/PUR	694			
Resolver cables					
Cable No. 23	PVC/PUR/TPE	695			
Cable No. 423	PVC/PUR/TPE	695			
Cable No. 523	PVC/PUR/TPE	695			
Cable No. 723	PVC/PUR/TPE	695			
Kollmorgen/Danaher Motion					
Motor cables					
88959 (5m)	TPE	696			
88960 (10m)	TPE	696			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Kollmorgen/Danaher Motion					
Motor cables					
88962 (15m)	TPE	696			
88964 (20m)	TPE	696			
88966 (25m)	TPE	696			
89918 (5m)	PVC/TPE	696			
89952 (10m)	PVC/TPE	696			
89953 (15m)	PVC/TPE	696			
89954 (20m)	PVC/TPE	696			
89956 (25m)	PVC/TPE	696			
89959 (5m)	PVC/TPE	696			
89960 (10m)	PVC/TPE	696			
89962 (15m)	PVC/TPE	696			
89964 (20m)	PVC/TPE	697			
89966 (25m)	PVC/TPE	697			
90083 (5m)	PVC/TPE	697			
90084 (10m)	PVC/TPE	697			
90085 (15m)	PVC/TPE	697			
90086 (20m)	PVC/TPE	697			
90087 (25m)	PVC/TPE	697			
102575 (5m)	PVC/TPE	697			
102576 (10m)	PVC/TPE	697			
102806 (15m)	PVC/TPE	697			
102807 (20m)	PVC/TPE	698			
102808 (25m)	PVC/TPE	698			
107473 (5m)	PVC/TPE	698			
107474 (10m)	PVC/TPE	698			
107475 (15m)	PVC/TPE	698			
107476 (20m)	PVC/TPE	698			
107477 (25m)	PVC/TPE	698			
107485 (5m)	PVC/TPE	698			
107486 (10m)	PVC/TPE	699			
107487 (15m)	PVC/TPE	699			
107488 (20m)	PVC/TPE	699			
107489 (25m)	PVC/TPE	699			
200456 (5m)	PVC/TPE	699			
200457 (10m)	PVC/TPE	699			
200458 (15m)	PVC/TPE	699			
200459 (20m)	PVC/TPE	699			
200460 (25m)	PVC/TPE	699			
200468 (5m)	PVC/TPE	699			
200469 (10m)	PVC/TPE	700			
200470 (15m)	PVC/TPE	700			
200471 (20m)	PVC/TPE	700			
200472 (25m)	PVC/TPE	700			
200618 (5m)	PVC/TPE	700			
200619 (10m)	PVC/TPE	700			
200620 (15m)	PVC/TPE	700			
200621 (20m)	PVC/TPE	700			
200622 (25m)	PVC/TPE	700			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Servo cables					
89957 (5m)	PVC/PUR	701			
89961 (10m)	PVC/PUR	701			
89963 (15m)	PVC/PUR	701			
89965 (20m)	PVC/PUR	701			
89967 (25m)	PVC/PUR	701			
89968 (5m)	PVC/PUR	701			
89969 (25m)	PVC/PUR	701			
89970 (10m)	PVC/PUR	701			
89971 (15m)	PVC/PUR	702			
89972 (20m)	PVC/PUR	702			
90088 (5m)	PVC/PUR	702			
90089 (10m)	PVC/PUR	702			
90090 (15m)	PVC/PUR	702			
90091 (20m)	PVC/PUR	702			
90092 (25m)	PVC/PUR	702			
102579 (5m)	PVC/PUR	703			
102580 (10m)	PVC/PUR	703			
102809 (15m)	PVC/PUR	703			
102810 (20m)	PVC/PUR	703			
102811 (25m)	PVC/PUR	703			
107479 (5m)	PVC/PUR	703			
107480 (10m)	PVC/PUR	703			
107481 (15m)	PVC/PUR	704			
107482 (20m)	PVC/PUR	704			
107483 (25m)	PVC/PUR	704			
107491 (5m)	PVC/PUR	704			
107492 (10m)	PVC/PUR	704			
107493 (15m)	PVC/PUR	704			
107494 (20m)	PVC/PUR	704			
107495 (25m)	PVC/PUR	705			
200462 (5m)	PVC/PUR	705			
200463 (10m)	PVC/PUR	705			
200464 (15m)	PVC/PUR	705			
200465 (20m)	PVC/PUR	705			
200466 (25m)	PVC/PUR	705			
200474 (5m)	PVC/PUR	705			
200475 (10m)	PVC/PUR	705			
200476 (15m)	PVC/PUR	706			
200477 (20m)	PVC/PUR	706			
200478 (25m)	PVC/PUR	706			
200623 (5m)	PVC/PUR	706			
200624 (10m)	PVC/PUR	706			
200625 (15m)	PVC/PUR	706			
200626 (20m)	PVC/PUR	706			
200627 (25m)	PVC/PUR	706			
Signal cables					
84972 (5m)	PVC/TPE/PUR	707			
84973 (10m)	PVC/TPE/PUR	707			
84974 (15m)	PVC/TPE/PUR	707			
84975 (20m)	PVC/TPE/PUR	707			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Kollmorgen/Danaher Motion					
Signal cables					
85034 (5m)	PVC/TPE/PUR	708			
85035 (10m)	PVC/TPE/PUR	708			
85036 (15m)	PVC/TPE/PUR	708			
85037 (20m)	PVC/TPE/PUR	708			
85039 (5m)	PVC/TPE/PUR	709			
85040 (10m)	PVC/TPE/PUR	709			
85041 (15m)	PVC/TPE/PUR	709			
85042 (20m)	PVC/TPE/PUR	709			
87655 (25m)	PVC/TPE/PUR	707			
90287 (5m)	PVC/TPE	707			
91019 (10m)	PVC/TPE	707			
91807 (20m)	PVC/TPE	708			
91811 (15m)	PVC/TPE	708			
92205 (25m)	PVC/TPE	708			
107915 (5m)	PVC/TPE	708			
107916 (10m)	PVC/TPE	708			
107917 (15m)	PVC/TPE	708			
107918 (20m)	PVC/TPE	708			
107919 (25m)	PVC/TPE	708			
Lenze					
Servo cables					
EWLMxxxGMS-015C	PUR/PVC	710	EWLMxxxZM-015C	PUR/PVC	712
EWLMxxxGMS-025	PUR/PVC	710	EWLMxxxZM-025	PUR/PVC	712
EWLMxxxGMS-040I	PVC/PUR	710			
EYP0010AxxxxA00P01	PUR/PVC	710	EYP0010VxxxxM01P01	PUR/PVC	712
EYP0010AxxxxM01A00	PUR/PVC	710	EYP0010VxxxxM01P01	PUR/PVC	712
EYP0011AxxxxA00P01	PUR/PVC	710	EYP0011VxxxxM01P01	PUR/PVC	712
EYP0011AxxxxM01A00	PUR/PVC	710	EYP0011VxxxxM01P01	PUR/PVC	712
EYP0012AxxxxA00P01	PUR/PVC	710	EYP0012VxxxxM01P01	PUR/PVC	712
EYP0012AxxxxA00P02	PUR/PVC	711	EYP0012VxxxxM02P02	PUR/PVC	712
EYP0012AxxxxM01A00	PUR/PVC	711	EYP0012VxxxxM01P01	PUR/PVC	712
EYP0012AxxxxM02A00	PUR/PVC	711	EYP0012VxxxxM02P02	PUR/PVC	712
EYP0013AxxxxA00P02	PUR/PVC	711	EYP0013VxxxxM02P02	PUR/PVC	713
EYP0013AxxxxM02A00	PUR/PVC	711	EYP0013VxxxxM02P02	PUR/PVC	713
EYP0014AxxxxA00P03	PUR/PVC	711	EYP0014VxxxxM03P03	PUR/PVC	713
EYP0014AxxxxM03A00	PUR/PVC	711	EYP0014VxxxxM03P03	PUR/PVC	713
EYP0015AxxxxA00P03	PUR/PVC	711	EYP0015VxxxxM03P03	PUR/PVC	713
EYP0015AxxxxM03A00	PUR/PVC	711	EYP0015VxxxxM03P03	PUR/PVC	713
EYP0016AxxxxA00P03	PUR/PVC	712	EYP0016VxxxxM03P03	PUR/PVC	713
EYP0016AxxxxM03A00	PUR/PVC	712	EYP0016VxxxxM03P03	PUR/PVC	713
Fan cables					
EWLLxxxGMS	TPE/PVC	713	EWLLxxxZM	TPE/PVC	713
EYL002AxxxxL01A00	TPE/PVC	713	EYL002VxxxxL01J01	TPE/PVC	713
EYL002AxxxxL02A00	TPE/PVC	713	EYL002VxxxxL02J02	TPE/PVC	714
Encoder cables					
EWLExxxGM-T	TPE/PVC/PUR	715	EWLExxxZMST	TPE/PVC/PUR	715
EWLExxxGX-T	TPE/PVC/PUR	715			
Feedback cables					
EYF0017AxxxxA00W02	PUR	715			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
EYF0018AxxxxA00S03	TPE/PUR/PVC	715			
EYF0018AxxxxA00W02	TPE/PVC	715			
EYF0018AxxxxF02S03	TPE/PVC	716			
EYF0018AxxxxF02W02	TPE/PUR/PVC	716			
EYF0019AxxxxF02S03	PUR	716	EYF0019VxxxxA00G02	PUR	718
EYF0020AxxxxA00S04	TPE/PUR/PVC	716			
EYF0020AxxxxA00S05	TPE/PUR/PVC	716			
EYF0020AxxxxF01S04	TPE/PUR/PVC	716			
EYF0020AxxxxF01S05	TPE/PUR/PVC	717			
EYF0021AxxxxA00S03	TPE/PUR	717			
EYF0021AxxxxF03S03	TPE/PUR	717			
EYF0021AxxxxF07S03	PUR/TPE	717			
Resolver cables					
EWLRxxxGM-T	TPE/PVC/PUR	718	EWLRxxxZMST	TPE/PVC/PUR	718
EWLRxxxGX-T	TPE/PVC/PUR	718			
LinMot					
Motor cables					
P10-70x...-D01/D02-MS	PVC/PUR	719			
Servo cables					
P10-70x...-D03-MS	PVC/PUR	719			
LTi DRIVES					
Servo cables					
KM3-KSxxx	PUR/PVC	720	KM3-KSxxx (ext.)	PUR/PVC	720
KM3-KSxxx-24A	PUR/PVC	720	KM3-KSxxx-24A (ext.)	PUR/PVC	720
KM3-KSxxx-63A	PUR/PVC	720	KM3-KSxxx-63A (ext.)	PUR/PVC	720
Encoder cables					
KGH2-KSxxx	TPE/PVC	721	KGH2-KSxxx (ext.)	TPE/PVC	719
KGH3-KSxxx	TPE/PVC	721	KGH3-KSxxx (ext.)	TPE/PVC	719
KGS2-KSxxx	TPE/PUR	721	KGS2-KSxxx (ext.)	TPE/PUR	719
KRY2-CDF-KSxxx	TPE/PUR/PVC	721	KRY2-CDF-KSxxx (ext.)	TPE/PUR/PVC	719
KRY2-KSxxx	TPE/PUR/PVC	721	KRY2-KSxxx (ext.)	TPE/PUR/PVC	719
Mitsubishi Electric					
Motor cables					
MR-BKS1CBL-xxx-A1-H	PVC/PUR	722			
MR-BKS1CBL-xxx-A2-H	PVC/PUR	722			
MR-PWS1CBL-xxx-A1-H	PVC/PUR	722			
MR-PWS1CBL-xxx-A2-H	PVC/PUR	722			
PCS015N-xxx-0-0C4	PVC/PUR	722			
PCS025N-xxx-0-0C5	PVC/PUR	722			
PCS025N-xxx-C4	PVC/PUR	722			
PCS040N-xxx-0-0C4	PVC/PUR/TPE	722			
PCS040N-xxx-0-0C5	PVC/PUR/TPE	722			
PCS060N-xxx-0-0C5	PVC/PUR/TPE	723			
Encoder cables					
MR-J3ENCBL-xxx-A1-H	PVC/PUR	723			
MR-J3ENCBL-xxx-A2-H	PVC/PUR	723			
MR-J3ENCBL-xxx-H	PVC/PUR	723			
Nidec/Control Techniques					
Motor cables					
PS B A A A XXX	TPE/PVC	724			
PS B A A B XXX	TPE/PVC	724			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Nidec/Control Techniques					
Motor cables					
PS B A B B XXX	TPE/PVC	724			
PS B A F A XXX	TPE/PVC	724			
PS B A F B XXX	TPE/PVC	724			
PS B B A A XXX	TPE/PVC	724			
PS B B A B XXX	TPE/PVC	725			
PS B B B B XXX	TPE/PVC	725			
PS B B F A XXX	TPE/PVC	724			
PS B B F B XXX	TPE/PVC	725			
PS B C A B XXX	TPE/PVC	725			
PS B C B B XXX	TPE/PVC	725			
PS B C F B XXX	TPE/PVC	725			
PS B D A B XXX	TPE/PVC	725			
PS B D B B XXX	TPE/PVC	725			
PS B D F B XXX	TPE/PVC	725			
PS B E A B XXX	TPE/PVC	726			
PS B E B B XXX	TPE/PVC	726			
PS B E F B XXX	TPE/PVC	726			
PS B G A A XXX	TPE/PVC	724			
PS B G A B XXX	TPE/PVC	726			
PS B G B B XXX	TPE/PVC	726			
PS B G F A XXX	TPE/PVC	724			
PS B G F B XXX	TPE/PVC	726			
Servo cables					
PB B A A A XXX	PUR/PVC	726			
PB B A A B XXX	PUR/PVC	727			
PB B A B B XXX	PUR/PVC	727			
PB B A F A XXX	PUR/PVC	726			
PB B A F B XXX	PUR/PVC	727			
PB B A G B XXX	PUR/PVC	727			
PB B B A A XXX	PUR/PVC	726			
PB B B A B XXX	PUR/PVC	727			
PB B B B B XXX	PUR/PVC	727			
PB B B F A XXX	PUR/PVC	727			
PB B B F B XXX	PUR/PVC	727			
PB B B G B XXX	PUR/PVC	728			
PB B C A B XXX	PUR/PVC	728			
PB B C B B XXX	PUR/PVC	728			
PB B C F B XXX	PUR/PVC	728			
PB B C G B XXX	PUR/PVC	728			
PB B D A B XXX	PUR/PVC	728			
PB B D B B XXX	PUR/PVC	728			
PB B D F B XXX	PUR/PVC	728			
PB B D G B XXX	PUR/PVC	728			
PB B E A B XXX	PUR/PVC	728			
PB B E B B XXX	PUR/PVC	728			
PB B E F B XXX	PUR/PVC	729			
PB B E G B XXX	PUR/PVC	729			
PB B G A A XXX	PUR/PVC	727			
PB B G A B XXX	PUR/PVC	729			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
NUM					
Power cables					
AGOFRU018LMxxx	PVC/TPE	730	AGOFRU018LMxxx (ext.)	PVC/TPE	730
AGOFRU019LMxxx	PVC/TPE	730	AGOFRU019LMxxx (ext.)	PVC/TPE	730
Servo cables					
AGOFRU018Mxxx	PVC/PUR	730	AGOFRU018Mxxx (ext.)	PVC/PUR	731
AGOFRU019Mxxx	PVC/PUR	730	AGOFRU019Mxxx (ext.)	PVC/PUR	731
AGOFRU020Mxxx	PVC/PUR	730	AGOFRU020Mxxx (ext.)	PVC/PUR	731
Fan cables					
AGOFRU012Mxxx	PVC/TPE	731	AGOFRU012Mxxx (ext.)	PVC/TPE	731
Encoder cables					
AGOFRU029Mxxx	PVC/TPE	731	AGOFRU029Mxxx (ext.)	PVC/TPE	732
AGOFRU030Mxxx	PVC/TPE	731	AGOFRU030Mxxx (ext.)	PVC/TPE	732
Omron					
Motor cables					
R88A-CAWA-xxxS-DE	TPE	733			
R88A-CAWCxxx	PVC/TPE	733			
R88A-CAWCxxxS-E	PVC/TPE	733			
R88A-CAWDxxxS	PVC/TPE	733			
R88A-CAWDxxxS-E	PVC/TPE	733			
R88A-CAWFxxxS-E	PVC/TPE	733			
Control cables					
JZSP-CHM000-xx-E	PVC/PUR/TPE	733			
JZSP-CHM000-xx-ME	PVC/PUR/TPE	733			
JZSP-CHM030-xx-E	PVC/PUR/TPE	734			
JZSP-CHM030-xx-ME	PVC/PUR/TPE	734			
JZSP-CSM22-xx-E-G1	PVC/PUR/TPE	734			
R88A-CAWCxxxB-E	PVC/PUR/TPE	734			
R88A-CAWExxxB	PVC/PUR/TPE	734			
Encoder cables					
JZSP-CHP800-xx-E	PVC/TPE/PUR	735			
JZSP-CHP800-xx-ME	PVC/TPE/PUR	735			
JZSP-CSP21-xx-E-G1	PVC/TPE/PUR	735			
R88A-CRWA-xxxC-DE	PVC/TPE/PUR	735			
R88A-CRWBxxxN	PVC/TPE/PUR	735			
R88A-CRWBxxxN-E	PVC/TPE/PUR	735			
Parker					
Motor cables					
iMOK42	PVC/PUR	736			
iMOK43	PUR/PVC	736			
iMOK44	PUR/PVC	736			
iMOK45	PUR/PVC	736			
iMOK54	PVC/PUR	736			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Parker					
Motor cables					
iMOK55	PVC/PUR	736			
iMOK56	PVC/PUR	736			
iMOK57	PUR/PVC	736			
Resolver cables					
iREK32	PVC/PUR/TPE	737			
iREK33	PVC/PUR/TPE	737			
iREK41	PVC/PUR/TPE	737			
iREK42	PVC/PUR/TPE	737			
SEW					
Motor cables					
0590 4773	TPE/PVC/PUR	738	0590 3610	TPE/PVC/PUR	740
0590 4803	PVC/PUR/TPE	738			
0590 6245	PVC/PUR/TPE	738			
0590 6253	PVC/PUR/TPE	738			
1335 0293	PVC/PUR/TPE	739	1335 0021	PVC/PUR/TPE	740
1335 0307	PVC/PUR/TPE	739	1335 0048	PVC/PUR/TPE	740
1335 0315	PVC/PUR/TPE	739	1335 0056	PVC/PUR/TPE	740
Servo cables					
1332 4861	PUR/PVC	741	0593 6500	PUR/PVC	744
1333 1221	PVC/PUR/TPE	742			
1333 2155	PVC/PUR/TPE	742			
1335 0153	PVC/PUR	742	1335 0099	PVC/PUR	745
1335 0161	PVC/PUR	742	1335 0102	PVC/PUR	745
1335 0188	PVC/PUR	742	1335 0110	PVC/PUR	745
1335 0234	PVC/PUR	742	1335 4221	PUR	745
1335 0242	PVC/PUR	742	1335 4248	PVC/PUR	745
1335 0250	PVC/PUR	743			
1335 4302	PUR	743			
1335 4310	PVC/PUR	743			
1335 4329	PVC/PUR	743	1335 4337	PVC/PUR	745
1335 4388	PUR	743			
1335 4396	PUR	743			
Hybrid servo cables					
0186 725 3	PUR	746			
0187 889 5	PUR	746			
0593 278 5	PUR	746			
0593 755 8	PUR	746			
0816 208 5	PUR	746			
0816 325 1	PUR	746			
0816 326 X	PUR	746			
0817 886 0	PUR	746			
0817 887 9	PUR	746			
0817 888 7	PUR	746			
0817 948 4	PUR	746			
1811 8119	PUR	746			
Control cables					
0199 560x	PVC/PUR/TPE	747			
Encoder cables					
0198 9308	PUR	747			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
0199 3194	PUR	747	0199 5413	PVC/PUR	747
0199 4875	PVC	747			
0595 1518	PVC/PUR/TPE	747			
1332 4535	PVC	747	0199 5405	PVC/PUR	747
1332 4551	PUR	747	0199 5405	PVC/PUR	747
1332 7429	PVC	747			
1332 7437	PUR	747			
Siemens					
Power cables					
6FX8002-5CN06	PVC/PUR/TPE	748			
6FX8002-5CN16	PVC/PUR/TPE	748			
6FX8002-5CN26	PVC/PUR/TPE	748			
6FX8002-5CN36	PVC/PUR/TPE	748			
6FX8002-5CN46	PVC/PUR/TPE	748			
6FX8002-5CN56	PVC/PUR/TPE	748			
6FX8002-5CS06	PVC/PUR/TPE	748			
6FX_002-5CA01	TPE/PVC/PUR	749	6FX_002-5CA05	TPE/PVC/PUR	755
6FX_002-5CA11	TPE/PVC/PUR	749	6FX_002-5CA15	TPE/PVC/PUR	755
6FX_002-5CA13	TPE/PVC/PUR	749			
6FX_002-5CA21	TPE/PVC/PUR	749	6FX_002-5CA28	TPE/PVC/PUR	755
6FX_002-5CA23	TPE/PVC/PUR	749	6FX_002-5CX28	TPE/PVC/PUR	755
6FX_002-5CA31	TPE/PVC/PUR	749	6FX_002-5CA38	TPE/PVC/PUR	755
6FX_002-5CA41	TPE/PVC/PUR	749	6FX_002-5CA48	TPE/PVC/PUR	755
6FX_002-5CA51	TPE/PVC/PUR	750	6FX_002-5CA58	TPE/PVC/PUR	756
6FX_002-5CA61	TPE/PVC/PUR	750	6FX_002-5CA68	TPE/PVC/PUR	756
6FX_002-5CG01	PVC/PUR/TPE	750			
6FX_002-5CG11	PVC/PUR/TPE	750	6FX_002-5CA15	PVC/PUR/TPE	755
6FX_002-5CG13	PVC/PUR/TPE	750	6FX_002-5CX18	PVC/PUR/TPE	756
6FX_002-5CG21	PVC/PUR/TPE	750	6FX_002-5CA28	PVC/PUR/TPE	756
6FX_002-5CG23	PVC/PUR/TPE	751	6FX_002-5CX28	PVC/PUR/TPE	756
6FX_002-5CG31	PVC/PUR/TPE	751			
6FX_002-5CG41	PVC/PUR/TPE	751			
6FX_002-5CG51	PVC/PUR/TPE	751			
6FX_002-5CG61	PVC/PUR/TPE	751			
6FX_002-5CK01	PUR/TPE	751			
6FX_002-5CL01	PVC/PUR/TPE	751			
6FX_002-5CL02	PVC/PUR/TPE	752			
6FX_002-5CL12	PVC/PUR/TPE	752			
6FX_002-5CS01	TPE/PVC/PUR	752			
6FX_002-5CS02	PVC/PUR/TPE	752			
6FX_002-5CS11	PVC/PUR/TPE	752	6FX_002-5CA15	PVC/PUR/TPE	755
6FX_002-5CS12	PVC/PUR/TPE	753			
6FX_002-5CS13	PVC/PUR/TPE	753	6FX_002-5CX18	PVC/PUR/TPE	756
6FX_002-5CS21	TPE/PVC/PUR	753			
6FX_002-5CS23	PVC/PUR/TPE	753	6FX_002-5CX28	PVC/PUR/TPE	756
6FX_002-5CS24	PVC/PUR/TPE	753			
6FX_002-5CS31	TPE/PVC/PUR	753			
6FX_002-5CS41	TPE/PVC/PUR	754	6FX_002-5CA48	TPE/PVC/PUR	755
6FX_002-5CS42	PVC/PUR/TPE	754			
6FX_002-5CS51	TPE/PVC/PUR	754	6FX_002-5CA58	TPE/PVC/PUR	756
6FX_002-5CS52	PVC/PUR/TPE	754			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Siemens					
Power cables					
6FX_002-5CS54	PVC/PUR/TPE	754	6FX_002-5CA68	PVC/PUR/TPE	756
6FX_002-5CS61	PVC/PUR/TPE	754	6FX_002-5CA68	PVC/PUR/TPE	756
6FX_002-5CS62	PVC/PUR/TPE	755			
6FX_002-5CS64	PVC/PUR/TPE	755	6FX_002-5CX18	PVC/PUR/TPE	756
Servo cables					
6FX_002-5DA01	PUR/PVC	756	6FX_002-5DA05	PUR/PVC	763
6FX_002-5DA11	PUR/PVC	756	6FX_002-5DA15	PUR/PVC	763
6FX_002-5DA21	PUR/PVC	757	6FX_002-5DA28	PUR/PVC	764
6FX_002-5DA23	PUR/PVC	757	6FX_002-5DX28	PUR/PVC	764
6FX_002-5DA30	PVC/PUR	757			
6FX_002-5DA31	PUR/PVC	757	6FX_002-5DA38	PUR/PVC	764
6FX_002-5DA33	PUR/PVC	757	6FX_002-5DX38	PUR/PVC	764
6FX_002-5DA41	PUR/PVC	757	6FX_002-5DA48	PUR/PVC	764
6FX_002-5DA43	PUR/PVC	758	6FX_002-5DX48	PUR/PVC	764
6FX_002-5DA51	PUR/PVC	758	6FX_002-5DA58	PUR/PVC	764
6FX_002-5DA61	PUR/PVC	758	6FX_002-5DA68	PUR/PVC	764
6FX_002-5DG01	PVC/PUR	758	6FX_002-5DA05	PVC/PUR	763
6FX_002-5DG11	PVC/PUR	758	6FX_002-5DA15	PVC/PUR	763
6FX_002-5DG13	PVC/PUR	758			
6FX_002-5DG21	PVC/PUR	759			
6FX_002-5DG23	PUR	759			
6FX_002-5DG31	PVC/PUR	759			
6FX_002-5DG33	PUR	759			
6FX_002-5DG41	PVC/PUR	759	6FX_002-5DA48	PVC/PUR	764
6FX_002-5DG43	PUR	759			
6FX_002-5DG51	PVC/PUR	759			
6FX_002-5DG61	PVC/PUR	760			
6FX_002-5DN06	PVC/PUR	760			
6FX_002-5DN16	PVC/PUR	760			
6FX_002-5DN26	PVC/PUR	760			
6FX_002-5DN30	PUR/PVC	760			
6FX_002-5DN46	PVC/PUR	761			
6FX_002-5DN56	PVC/PUR	761			
6FX_002-5DS01	PUR/PVC	761			
6FX_002-5DS06	PVC/PUR	761			
6FX_002-5DS11	PVC/PUR	761	6FX_002-5DA15	PVC/PUR	763
6FX_002-5DS13	PVC/PUR	762			
6FX_002-5DS21	PUR/PVC	762			
6FX_002-5DS23	PUR	762			
6FX_002-5DS33	PUR	762			
6FX_002-5DS36	PVC/PUR	762			
6FX_002-5DS41	PVC/PUR	762	6FX_002-5DA48	PVC/PUR	764
6FX_002-5DS43	PUR	762			
6FX_002-5DS51	PVC/PUR	763			
6FX_002-5DS54	PVC/PUR	763			
6FX_002-5DS61	PUR/PVC	763			
6FX_002-5DS64	PVC/PUR	763			

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Hybrid servo cables					
6FX_002-8QN04 Neu!	PUR	765	6FX_002-8QE04 Neu!	PUR	765
6FX_002-8QN08 Neu!	PUR	765	6FX_002-8QE08 Neu!	PUR	765
6FX_002-8QN11	PUR	765	6FX_002-8QE11	PUR	765
6FX_002-8QN21	PUR	765	6FX_002-8QE21	PUR	765
Signal cables					
6FX8002-2CF20	PVC/PUR/TPE	766			
6FX8002-2CQ31	PVC/PUR/TPE	766	6FX8002-2CQ34	PVC/PUR/TPE	771
6FX8002-2DC40	PVC/PUR	766			
6FX8002-2DC42	PVC/PUR	766			
6FX_002-1DC00	PUR/PVC	766	6FX_002-2DC34	PUR/PVC	772
6FX_002-2AD00	TPE/PVC/PUR	766	6FX_002-2AD04	TPE/PVC/PUR	771
6FX_002-2AH00	TPE/PVC/PUR	767	6FX_002-2AH04	TPE/PVC/PUR	771
6FX_002-2AH11	PVC/PUR/TPE	767			
6FX_002-2CA11	TPE/PVC/PUR	767	6FX_002-2CB54	TPE/PVC/PUR	772
6FX_002-2CA15	TPE/PVC/PUR	767	6FX_002-2CA54	TPE/PVC/PUR	772
6FX_002-2CA31	TPE/PVC/PUR	767	6FX_002-2CA34	TPE/PVC/PUR	771
6FX_002-2CA51	TPE/PVC/PUR	767	6FX_002-2CA54	TPE/PVC/PUR	771
6FX_002-2CA71	TPE/PVC/PUR	768			
6FX_002-2CB31	TPE/PUR	768			
6FX_002-2CB51	TPE/PVC/PUR	768	6FX_002-2CC14	TPE/PVC/PUR	772
6FX_002-2CC11	TPE/PVC/PUR	768	6FX_002-2CB54	TPE/PVC/PUR	772
6FX_002-2CD01	TPE/PVC/PUR	768	6FX_002-2CB54	TPE/PVC/PUR	772
6FX_002-2CF01	TPE/PVC/PUR	768			
6FX_002-2CF02	TPE/PVC/PUR	768	6FX_002-2CF04	TPE/PVC/PUR	772
6FX_002-2CG00	TPE/PVC/PUR	768	6FX_002-2CB54	TPE/PVC/PUR	772
6FX_002-2CH00	TPE/PVC/PUR	769	6FX_002-2AD04	TPE/PVC/PUR	771
6FX_002-2CK00	TPE/PVC/PUR	769			
6FX_002-2CL00	TPE/PVC/PUR	769			
6FX_002-2CR00	PVC/PUR/TPE	769			
6FX_002-2CT12	PVC/PUR/TPE	769			
6FX_002-2DB10	PUR	769			
6FX_002-2DC10	PUR/PVC	770	6FX_002-2DC34	PUR/PVC	772
6FX_002-2DC20	PUR/PVC	770	6FX_002-2DC34	PUR/PVC	772
6FX_002-2DC36	PVC/PUR	770			
6FX_002-2EQ00	TPE/PVC/PUR	770			
6FX_002-2EQ10	TPE/PVC/PUR	770	6FX_002-2EQ14	TPE/PVC/PUR	772
6FX_002-2EQ20	PVC/PUR/TPE	770			
6FX_002-2EQ31	PVC/PUR/TPE	770			
6FX_002-5BL03	PVC/PUR	771			
6fx3002-2CT10	PVC/PUR/TPE	771			
Signal cables DriveCliq					
6FX8002-2DC30-1AD0(3m)	PUR	773	6FX8002-2DC34-1DA0(30m)	PUR	773
6FX8002-2DC30-1AF0(5m)	PUR	773	6FX8002-2DC34-1AF0(5m)	PUR	773
6FX8002-2DC30-1BA0(10m)	PUR	773	6FX8002-2DC34-1BA0(10m)	PUR	773
6FX8002-2DC30-1BF0(15m)	PUR	773	6FX8002-2DC34-1BF0(15m)	PUR	773
6FX8002-2DC30-1CA0(20m)	PUR	773	6FX8002-2DC34-1CA0(20m)	PUR	773
6FX8002-2DC30-1CF0(25m)	PUR	773	6FX8002-2DC34-1CF0(25m)	PUR	773
6FX8002-2DC30-1DA0(30m)	PUR	773	6FX8002-2DC34-1DA0(30m)	PUR	773

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Siemens, SpeedTec					
Power cables, SpeedTec					
6FX_002-5CG10	PVC/PUR/TPE	774			
6FX_002-5CG12	PVC/PUR/TPE	774			
6FX_002-5CG22	PVC/PUR/TPE	774			
6FX_002-5CG32	PVC/PUR/TPE	774	6FX_002-5CQ38	PVC/PUR/TPE	777
6FX_002-5CG42	PVC/PUR/TPE	774			
6FX_002-5CG52	PVC/PUR/TPE	774			
6FX_002-5CG62	PVC/PUR/TPE	774	6FX_002-5CQ68	PVC/PUR/TPE	777
6FX_002-5CN01	PVC/PUR/TPE	775			
6FX_002-5CN11	PVC/PUR/TPE	775			
6FX_002-5CN21	PVC/PUR/TPE	775			
6FX_002-5CN31	PVC/PUR/TPE	775	6FX_002-5CQ38	PVC/PUR/TPE	777
6FX_002-5CN41	PVC/PUR/TPE	775			
6FX_002-5CN51	PVC/PUR/TPE	775			
6FX_002-5CN54	PVC/PUR/TPE	775			
6FX_002-5CN61	PVC/PUR/TPE	776	6FX_002-5CQ68	PVC/PUR/TPE	777
6FX_002-5CN64	PVC/PUR/TPE	776	6FX_002-5CQ68	PVC/PUR/TPE	777
6FX_002-5CQ01	PVC/PUR/TPE	776			
6FX_002-5CQ11	PVC/PUR/TPE	776			
6FX_002-5CQ21	PVC/PUR/TPE	776			
6FX_002-5CQ31	PVC/PUR/TPE	776	6FX_002-5CQ38	PVC/PUR/TPE	777
6FX_002-5CQ41	PVC/PUR/TPE	776			
6FX_002-5CQ51	PVC/PUR/TPE	777			
6FX_002-5CQ61	PVC/PUR/TPE	777	6FX_002-5CQ68	PVC/PUR/TPE	777
Servo cables, SpeedTec					
6FX_002-5DG10	PVC/PUR	778	6FX_002-5DN05	PVC/PUR	782
6FX_002-5DG11	PVC/PUR	778	6FX_002-5DN15	PVC/PUR	782
6FX_002-5DG12	PVC/PUR	778	6FX_002-5DN15	PVC/PUR	782
6FX_002-5DG22	PVC/PUR	778	6FX_002-5DQ28	PVC/PUR	782
6FX_002-5DG32	PVC/PUR	778	6FX_002-5DQ38	PVC/PUR	782
6FX_002-5DG42	PVC/PUR	778	6FX_002-5DQ48	PVC/PUR	782
6FX_002-5DG52	PVC/PUR	778	6FX_002-5DQ58	PVC/PUR	782
6FX_002-5DG62	PVC/PUR	778	6FX_002-5DQ68	PVC/PUR	782
6FX_002-5DN01	PVC/PUR	779	6FX_002-5DN05	PVC/PUR	782
6FX_002-5DN11	PVC/PUR	779	6FX_002-5DN15	PVC/PUR	782
6FX_002-5DN21	PVC/PUR	779	6FX_002-5DQ28	PVC/PUR	782
6FX_002-5DN27	PVC/PUR	779			
6FX_002-5DN31	PVC/PUR	779	6FX_002-5DQ38	PVC/PUR	782
6FX_002-5DN41	PVC/PUR	779	6FX_002-5DQ48	PVC/PUR	782
6FX_002-5DN51	PVC/PUR	780			
6FX_002-5DN54	PVC/PUR	780	6FX_002-5DQ58	PVC/PUR	782
6FX_002-5DN61	PVC/PUR	780	6FX_002-5DQ68	PVC/PUR	782
6FX_002-5DN64	PVC/PUR	780	6FX_002-5DQ68	PVC/PUR	782
6FX_002-5DQ01	PVC/PUR	781	6FX_002-5DN05	PVC/PUR	782
6FX_002-5DQ11	PVC/PUR	781	6FX_002-5DN15	PVC/PUR	782
6FX_002-5DQ21	PVC/PUR	781	6FX_002-5DQ28	PVC/PUR	782
6FX_002-5DQ31	PVC/PUR	781	6FX_002-5DQ38	PVC/PUR	782
6FX_002-5DQ41	PVC/PUR	781	6FX_002-5DQ48	PVC/PUR	782
6FX_002-5DQ51	PVC/PUR	781	6FX_002-5DQ58	PVC/PUR	782
6FX_002-5DQ61	PVC/PUR	781	6FX_002-5DQ68	PVC/PUR	782

Basic cables	Jacket	Page	Extension cables	Jacket	Page
Stöber					
Servo cables					
Gr.1,5-Motor-10,0mm ²	PUR/PVC	783			
Gr.1,5-Motor-4,0mm ²	PUR/PVC	783			
Gr.1,5-Motor-6,0mm ²	PUR/PVC	783			
Gr.1-Motor-1,0mm ²	PUR/PVC	783			
Gr.1-Motor-1,5mm ²	PUR/PVC	783			
Gr.1-Motor-2,5mm ²	PUR/PVC	783			
Gr.1-Motor-4,0mm ²	PUR/PVC	783			
Encoder cables					
Encoder ED/EK iSDS4000	TPE/PVC/PUR	784			
Encoder ES iSDS4000	TPE/PUR	784			
Encoder HTL	TPE/PVC/PUR	784			
Encoder iMDS5000	TPE/PVC/PUR	784			
Resolver iMDS5000	TPE/PVC/PUR	784			
Resolver iSDS4000	TPE/PVC/PUR	784			

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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Motor cables				
Basic cable				
2090-CPWM4DF-08AFxx				
PVC M.I.	01	MAT9761795	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861793	(4G10)C	17.0 10
TPE F	02	MAT9961791	(4G10)C	18.5 7.5
TPE H*	03	MAT9961790	(4G10)C	18.5 7.5
2090-CPWM4DF-10AFxx				
PVC M.I.	01	MAT9761796	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861794	(4G6.0)C	14.5 10
TPE F	02	MAT9961793	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961792	(4G6.0)C	16.0 7.5
Basic cable				
2090-CPWM4DF-12AFxx				
PVC M.I.	01	MAT9761797	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861795	(4G4.0)C	12.5 10
TPE F	02	MAT9961795	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961794	(4G4.0)C	13.0 7.5
2090-CPWM4DF-14AFxx				
PVC M.I.	01	MAT9761798	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861796	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861798	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961797	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961796	(4G2.5)C	11.5 7.5
2090-CPWM4DF-16AFxx				
PVC M.I.	01	MAT9761799	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861797	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861799	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961799	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9961798	(4G1.5)C	10.0 7.5
Basic cable				
2090-CPWM7DF-02AF				
PVC M.I.	01	MAT9761715	(4G35)C	31.0 7.5
PUR O.I.	06	MAT9861711	(4G35)C	28.0 10
2090-CPWM7DF-04AF				
PVC M.I.	01	MAT9761714	(4G25)C	27.5 7.5
PUR O.I.	06	MAT9861710	(4G25)C	25.0 10
TPE F	02	MAT9961725	(4G25)C	27.5 7.5
TPE H*	03	MAT9961726	(4G25)C	27.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Motor cables				
2090-CPWM7DF-06AF				
PVC M.I.	01	MAT9761713	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861709	(4G16)C	20.5 10
TPE F	02	MAT9961723	(4G16)C	23.0 7.5
TPE H*	03	MAT9961724	(4G16)C	23.0 7.5
2090-CPWM7DF-08AFxx				
PVC M.I.	01	MAT9761704	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861706	(4G10)C	17.0 10
TPE F	02	MAT9961707	(4G10)C	18.5 7.5
TPE H*	03	MAT9961708	(4G10)C	18.5 7.5
2090-CPWM7DF-10AFxx				
PVC M.I.	01	MAT9761703	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861705	(4G6.0)C	14.5 10
TPE F	02	MAT9961705	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961706	(4G6.0)C	16.0 7.5
Basic cable				
2090-CPWM7DF-12AFxx				
PVC M.I.	01	MAT9761702	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861704	(4G4.0)C	12.5 10
TPE F	02	MAT9961709	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9961704	(4G4.0)C	13.0 7.5
2090-CPWM7DF-14AFxx				
PVC M.I.	01	MAT9761701	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861703	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861702	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961710	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9961711	(4G2.5)C	11.5 7.5
2090-CPWM7DF-16AFxx				
PVC M.I.	01	MAT9761758	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861760	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861759	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961761	(4G1.5)C	10.0 7.5
Basic cable				
2090-XX_PMP-10SXX				
PVC M.I.	01	MAT9761712	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9961718	(4G6.0)C	14.5 10
TPE F	02	MAT9961703	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9961715	(4G6.0)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Motor cables

Basic cable



2090-XX_PMP-14SXX

PVC M.I.	01	MAT9761711	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9961717	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9851711	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961702	(4G2.5)C	11.5	7.5
TPE H*	03	MAT9961714	(4G2.5)C	11.5	7.5

2090-XX_PMP-16SXX

PVC M.I.	01	MAT9761710	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9961716	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861701	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961701	(4G1.5)C	10.0	7.5
TPE H*	03	MAT9961713	(4G1.5)C	10.0	7.5

Extension cable



2090-CPWM7E7-08AF

PUR O.I.	06	MAT9861716	(4G10)C	17.0	10
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2090-CPWM7E7-10AF

PUR O.I.	06	MAT9861715	(4G6.0)C	14.5	10
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Extension cable



2090-CPWM7E7-12AF

PUR O.I.	06	MAT9861714	(4G4.0)C	12.5	10
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2090-CPWM7E7-14AF

PUR O.I.	06	MAT9861713	(4G2.5)C	10.5	10
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2090-CPWM7E7-16AF

PUR O.I.	06	MAT9861712	(4G1.5)C	9.0	10
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Allen-Bradley/Rockwell Servo cables

Basic cable



2090-CPBM4DF-08AFxx

PVC M.I.	05	MAT9751799	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851798	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851799	(4G10+(2x1.5)C)C	21.0	7.5

2090-CPBM4DF-10AFxx

PVC O.I.	04	MAT9751797	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751798	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851796	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851797	(4G6.0+(2x1.5)C)C	17.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Servo cables

Basic cable



2090-CPBM4DF-12AFxx

PVC O.I.	04	MAT9751795	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751796	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851794	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851795	(4G4.0+(2x1.5)C)C	16.0	7.5

2090-CPBM4DF-14AFxx

PVC O.I.	04	MAT9751791	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751792	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851790	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851791	(4G2.5+(2x1.5)C)C	14.5	7.5

2090-CPBM4DF-16AFxx

PVC O.I.	04	MAT9751757	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751756	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851755	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851754	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



2090-CPBM7DF-02AF

PUR M.I.	07	MAT9851745	(4G35+(2x1.5)C)C	32.0	7.5
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2090-CPBM7DF-04AF

PUR O.I.	06	MAT9851743	(4G25+(2x1.5)C)C	28.5	10
PUR M.I.	07	MAT9851744	(4G25+(2x1.5)C)C	28.0	7.5

Basic cable



2090-CPBM7DF-06AF

PUR O.I.	06	MAT9851741	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9851742	(4G16+(2x1.5)C)C	24.0	7.5

2090-CPBM7DF-08AFxx

PVC M.I.	05	MAT9751745	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851736	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851735	(4G10+(2x1.5)C)C	21.0	7.5

2090-CPBM7DF-10AFxx

PVC O.I.	04	MAT9751706	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751705	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851712	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851705	(4G6.0+(2x1.5)C)C	17.5	7.5

2090-CPBM7DF-12AFxx

PVC O.I.	04	MAT9751793	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751794	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851792	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851793	(4G4.0+(2x1.5)C)C	16.0	7.5

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Servo cables				
Basic cable				
2090-CPBM7DF-14AFxx				
PVC O.I.	04	MAT9751744	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751743	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851734	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851733	(4G2.5+(2x1.5)C)C	14.5 7.5
2090-CPBM7DF-16AFxx				
PVC O.I.	04	MAT9751742	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751741	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851732	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851731	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
2090-XX_PMF-10SXX				
PVC O.I.	04	MAT9711730	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9961722	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9811726	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851708	(4G6.0+(2x1.5)C)C	17.5 7.5
Basic cable				
2090-XX_PMF-14SXX				
PVC O.I.	04	MAT9711729	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9961721	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9811725	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851707	(4G2.5+(2x1.5)C)C	14.5 7.5
2090-XX_PMF-16SXX				
PVC O.I.	04	MAT9711728	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9961720	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9811724	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851706	(4G1.5+(2x1.5)C)	13.0 7.5
Extension cable				
2090-CPBM7E7-08AFxx				
PVC M.I.	05	MAT9751709	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851710	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851709	(4G10+(2x1.5)C)C	21.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Servo cables				
2090-CPBM7E7-10AFxx				
PVC O.I.	04	MAT9751708	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751707	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851714	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851713	(4G6.0+(2x1.5)C)C	17.5 7.5
Extension cable				
2090-CPBM7E7-12AFxx				
PVC O.I.	04	MAT9751789	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751790	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851788	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851789	(4G2.5+(2x1.5)C)C	14.5 7.5
2090-CPBM7E7-14AFxx				
PVC O.I.	04	MAT9751747	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751746	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851738	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851737	(4G2.5+(2x1.5)C)C	14.5 7.5
2090-CPBM7E7-16AFxx				
PVC O.I.	04	MAT9751749	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751748	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851740	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851739	(4G1.5+(2x1.5)C)	13.0 7.5
Allen-Bradley/Rockwell Hybrid servo cables				
Basic cable				
2090-CSBM1DE-10AF				
PUR O.I.	27	MAT9851723	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Basic cable				
2090-CSBM1DE-14AF				
PVC O.I.	26	MAT9751711	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851720	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSBM1DE-18AF				
PVC O.I.	26	MAT9751710	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851719	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Hybrid servo cables				
Basic cable				
2090-CSBM1DF-10AF				
PUR O.I.	27	MAT9851717	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
2090-CSBM1DF-14AF				
PVC O.I.	26	MAT9751703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851703	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSBM1DF-18AF				
PVC O.I.	26	MAT9751701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851701	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Basic cable				
2090-CSBM1DG-10AF				
PUR O.I.	27	MAT9851750	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Basic cable				
2090-CSBM1DG-14AF				
PVC O.I.	26	MAT9751719	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851747	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSBM1DG-18AF				
PVC O.I.	26	MAT9751718	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851746	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Basic cable				
2090-CSWM1DE-10AF				
PUR O.I.	27	MAT9851724	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Basic cable				
2090-CSWM1DE-14AF				
PVC O.I.	26	MAT9751713	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851722	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSWM1DE-18AF				
PVC O.I.	26	MAT9751712	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851721	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Allen-Bradley/Rockwell Hybrid servo cables				
Basic cable				
2090-CSWM1DF-10AF				
PUR O.I.	27	MAT9851718	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Basic cable				
2090-CSWM1DF-14AF				
PVC O.I.	26	MAT9751704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851704	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSWM1DF-18AF				
PVC O.I.	26	MAT9751702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851702	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Basic cable				
2090-CSWM1DG-10AF				
PUR O.I.	27	MAT9851751	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Basic cable				
2090-CSWM1DG-14AF				
PVC O.I.	26	MAT9751721	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851749	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSWM1DG-18AF				
PVC O.I.	26	MAT9751720	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851748	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Extension cable				
2090-CSBM1E1-10AF				
PUR O.I.	27	MAT9851729	(4G6.0+(2x1.0)C+(2xAWG22)C)C	17.5 10
Extension cable				
2090-CSBM1E1-14AF				
PVC O.I.	26	MAT9751715	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
PUR O.I.	27	MAT9851726	(4G2.5+(2x1.0)C+(2xAWG22)C)C	14.5 10
2090-CSBM1E1-18AF				
PVC O.I.	26	MAT9751714	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9851725	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Hybrid servo cables

Extension cable



2090-CSWM1E1-10AF

PUR O.I.	27	MAT9851730	(4G6.0+(2x1.0)C)+(2xAWG22)C	17.5	10
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Extension cable



2090-CSWM1E1-14AF

PVC O.I.	26	MAT9751717	(4G2.5+(2x1.0)C)+(2xAWG22)C	14.5	10
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PUR O.I.	27	MAT9851728	(4G2.5+(2x1.0)C)+(2xAWG22)C	14.5	10
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2090-CSWM1E1-18AF

PVC O.I.	26	MAT9751716	(4G1.0+(2x0.75)C)+(2xAWG22)C	12.0	10
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PUR O.I.	27	MAT9851727	(4G1.0+(2x0.75)C)+(2xAWG22)C	12.0	10
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Allen-Bradley/Rockwell Brake cables

Basic cable



2090-UX_BMP-18SXX

PVC M.I.	18	MAT9711727	(3G0.75)C	8.0	7.5
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PVC, oil-res.	20	MAT9961719	(3G0.75)C	8.0	6.8
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PUR M.I.	22	MAT9811705	(3G0.75)C	8.0	6.8
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Allen-Bradley/Rockwell Feedback cables

Basic cable



2090-CFBM4DF-CDAFxx

PUR O.I.	09	MAT9841775	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841753	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941768	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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2090-CFBM4DF-CEAFxx

PUR O.I.	09	MAT9841796	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841798	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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Basic cable



2090-CFBM7DD-CDAFxx

PUR M.I.	10	MAT9841795	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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2090-CFBM7DD-CEAFxx

PUR M.I.	10	MAT9841797	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality*	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Allen-Bradley/Rockwell Feedback cables

Basic cable



2090-CFBM7DF-CDAFxx

PUR O.I.	09	MAT9841771	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841750	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941764	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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2090-CFBM7DF-CEAFxx

PUR O.I.	09	MAT9841774	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841752	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941767	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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Basic cable



2090-XX_FMF-Sxx

PUR O.I.	09	MAT9941709	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841770	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941763	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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Basic cable



2090-XX_FMP-Sxx

PUR O.I.	09	MAT9841769	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9941704	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941762	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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Extension cable



2090-CFBM7E7-CDAFxx

PUR O.I.	09	MAT9841772	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9841751	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941765	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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2090-CFBM7E7-CEAFxx

PUR O.I.	09	MAT9841773	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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PUR M.I.	10	MAT9741776	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	7.5
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TPE H*	11	MAT9941766	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	10.0	6.8
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Allen-Bradley/Rockwell Adapter cables (transition cables)

Basic cable



2090-CFBM4E2-CATR

PUR O.I.	09	MAT9841799	(3x(4x0.14)+(2x0.14+2x0.34)+2x1.5)C	9.0	10
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Basic cable



2090-CPWM4E2-14TR

PUR O.I.	06	MAT9861792	(4G2.5)C	10.5	10
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Harnessed drive cables | B&R

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
B&R Motor cables				
Basic cable				
8BCMxxxx.1011A-0				
PVC M.I.	05	MAT9610008	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850108	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600008	(4G0.75+2x(2x0.34)C)C	12.5 7.5
Basic cable				
8BCMxxxx.1034C-0				
PVC M.I.	05	MAT9610009	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850109	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600009	(4G0.75+2x(2x0.34)C)C	12.5 7.5
Basic cable				
8BCMxxxx.1312A-0				
PVC O.I.	04	MAT9750106	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610012	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850106	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600012	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Basic cable				
8BCMxxxx.1322A-0				
PVC O.I.	04	MAT9750107	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610013	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850107	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600013	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Basic cable				
8CMxxx.12-0				
PVC M.I.	05	MAT9610000	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850100	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9600000	(4G0.75+2x(2x0.34)C)C	12.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | B&R

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
B&R Servo cables				
Basic cable				
8BCMxxxx.1111A-0				
PVC O.I.	04	MAT9750104	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9610010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850104	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9600010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
8BCMxxxx.1311A-0				
PVC O.I.	04	MAT9750105	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850105	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
Basic cable				
8CMxxx.12-1				
PVC O.I.	04	MAT9750101	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9610001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850101	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9600001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
8CMxxx.12-3				
PVC O.I.	04	MAT9750102	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9610002	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850102	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9600002	(4G4.0+2x(2x1.5)C)C	17.5 7.5
8CMxxx.12-5				
PVC M.I.	05	MAT9610003	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850103	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9600003	(4G10+2x(2x1.5)C)C	22.5 7.5
Extension cable				
8BCFxxxx.12230-0				
PVC	08	MAT9740101	((4x0.14)+2x(2x0.34))C	7.0 10
PUR O.I.	09	MAT9840115	((4x0.14)+2x(2x0.34))C	7.0 10
Extension cable				
8BCMxxxx.10360-0				
PVC M.I.	05	MAT9750108	(4G0.75+2x(2x0.34)C)C	12.5 7.5
PUR O.I.	06	MAT9850115	(4G0.75+2x(2x0.34)C)C	12.0 10
PUR M.I.	07	MAT9850116	(4G0.75+2x(2x0.34)C)C	12.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | B&R

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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B&R Hybrid servo cables

Basic cable



8BCHxxxx.1111A-0

PUR O.I.	27	MAT9850113	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0	10
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8BCHxxxx.1312A-0

PUR O.I.	27	MAT9850110	(4G4.0+(2x1.0)C +(2x2x0.14+2x0.25)C)C	16.5	10
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8CHxxxx.1111A-0

PUR O.I.	27	MAT9850112	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0	10
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Basic cable



8ECHxxxx.1111A-0

PUR O.I.	27	MAT9850114	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0	10
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Extension cable



8ECH00xx.11140-0

PUR O.I.	27	MAT9850117	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0	10
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B&R EnDat cables

Basic cable



8BCExxxx.1111A-0

PVC	08	MAT9670002	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9820102	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9660002	(5x(2x0.14)+2x0.5)C	8.5	6.8

8CExxx.12-1

PVC	08	MAT9670001	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9820101	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9660001	(5x(2x0.14)+2x0.5)C	8.5	6.8

B&R Encoder cables

Basic cable



8BCFxxxx.1221B-0

PVC	08	MAT9670003	((4x0.14)+2x(2x0.34))C	7.0	10
PUR O.I.	09	MAT9840103	((4x0.14)+2x(2x0.34))C	7.0	10

Harnessed drive cables | B&R

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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B&R Encoder cables

Basic cable



8BCRxxxx.1121A-0

PVC	14	MAT9640015	(3x(2x0.25))C	7.0	7.5
PUR	15	MAT9840105	(3x(2x0.25))C	7.0	7.5
TPE H*	16	MAT9630015	(3x(2x0.25))C	8.0	6.8

Basic cable



8BCSxxxx.1111A-0

PVC	08	MAT9670004	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9840114	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9820104	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9660004	(5x(2x0.14)+2x0.5)C	8.5	6.8

B&R Resolver cables

Basic cable



8BCRxxx.1111A-0

PVC	14	MAT9640010	(3x(2x0.25))C	7.0	7.5
PUR	15	MAT9840102	(3x(2x0.25))C	7.0	7.5
TPE H*	16	MAT9630010	(3x(2x0.25))C	8.0	6.8

8CRxxx.12-1

PVC	14	MAT9640001	(3x(2x0.25))C	7.0	7.5
PUR	15	MAT9840101	(3x(2x0.25))C	7.0	7.5
TPE H*	16	MAT9630001	(3x(2x0.25))C	8.0	6.8

B&R Bus cables

Basic cable



X20CA3E61.xxxx

PVC, oil-res.	28	MAT9630100	(4x0.38)C	7.0	12.5
PUR	29	MAT9730101	(4x0.38)C	7.0	12.5
TPE	12	MAT9930102	(4x0.38)C	7.5	10

Basic cable



X67CA0E41.xxxx


PVC, oil-res.	28	MAT9630103	(4x0.38)C	7.0	12.5
PUR	29	MAT9730104	(4x0.38)C	7.0	12.5
TPE	12	MAT9930105	(4x0.38)C	7.5	10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
15 A Basic cable				
				
324781 (5m)				
PVC O.I.	04	MAT9750201	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850201	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324782 (7m)				
PVC O.I.	04	MAT9750202	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850202	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324783 (10m)				
PVC O.I.	04	MAT9750203	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295003	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850203	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296003	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324784 (15m)				
PVC O.I.	04	MAT9750204	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850204	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324785 (20m)				
PVC O.I.	04	MAT9750205	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850205	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324786 (25m)				
PVC O.I.	04	MAT9750206	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850206	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324787 (30m)				
PVC O.I.	04	MAT9750207	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850207	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324788 (35m)				
PVC O.I.	04	MAT9750208	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295008	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850208	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296008	(4G1.5+2x(2x0.75)C)C	14.5 7.5

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
324789 (40m)				
PVC O.I.	04	MAT9750209	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850209	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324790 (50m)				
PVC O.I.	04	MAT9750210	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850210	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296010	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324791 (75m)				
PVC O.I.	04	MAT9750211	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850211	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296011	(4G1.5+2x(2x0.75)C)C	14.5 7.5
324792 (100m)				
PVC O.I.	04	MAT9750212	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295012	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850212	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9296012	(4G1.5+2x(2x0.75)C)C	14.5 7.5
15 A Extension cable				
				
324781 (5m) (ext.)				
PVC O.I.	04	MAT9750213	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9297001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850213	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9298001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
20 A Basic cable				
				
380967 (7m)				
PVC O.I.	04	MAT9750215	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295021	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850215	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296021	(4G2.5+2x(2x1.5)C)C	16.0 7.5
413410 (10m)				
PVC O.I.	04	MAT9750216	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295022	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850216	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296022	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
20 A Basic cable				
				
414840 (5m)				
PVC O.I.	04	MAT9750214	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295020	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850214	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296020	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414841 (15m)				
PVC O.I.	04	MAT9750217	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295023	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850217	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296023	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414842 (20m)				
PVC O.I.	04	MAT9750218	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295024	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850218	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296024	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414843 (25m)				
PVC O.I.	04	MAT9750219	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295025	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850219	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296025	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414846 (30m)				
PVC O.I.	04	MAT9750220	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295026	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850220	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296026	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414848 (35m)				
PVC O.I.	04	MAT9750221	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295027	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850221	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296027	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414849 (40m)				
PVC O.I.	04	MAT9750222	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295028	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850222	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296028	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414850 (50m)				
PVC O.I.	04	MAT9750223	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295029	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850223	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296029	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
414851 (75m)				
PVC O.I.	04	MAT9750224	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295030	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850224	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296030	(4G2.5+2x(2x1.5)C)C	16.0 7.5
414852 (100m)				
PVC O.I.	04	MAT9750225	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295031	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850225	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296031	(4G2.5+2x(2x1.5)C)C	16.0 7.5
20 A Extension cable				
				
414840 (5m) (ext.)				
PVC O.I.	04	MAT9750226	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297020	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850226	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9298020	(4G2.5+2x(2x1.5)C)C	16.0 7.5
21 A Basic cable				
				
326577 (5m)				
PVC O.I.	04	MAT9750227	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295040	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850227	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296040	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326578 (7m)				
PVC O.I.	04	MAT9750228	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295041	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850228	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296041	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326579 (10m)				
PVC O.I.	04	MAT9750229	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295042	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850229	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296042	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326580 (15m)				
PVC O.I.	04	MAT9750230	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295043	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850230	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296043	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
21 A Basic cable				
				
326581 (20m)				
PVC O.I.	04	MAT9750231	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295044	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850231	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296044	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326582 (25m)				
PVC O.I.	04	MAT9750232	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295045	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850232	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296045	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326583 (30m)				
PVC O.I.	04	MAT9750233	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295046	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850233	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296046	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326584 (35m)				
PVC O.I.	04	MAT9750234	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295047	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850234	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296047	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326585 (40m)				
PVC O.I.	04	MAT9750235	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295048	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850235	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296048	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326586 (50m)				
PVC O.I.	04	MAT9750236	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295049	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850236	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296049	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326587 (75m)				
PVC O.I.	04	MAT9750237	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295050	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850237	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296050	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326588 (100m)				
PVC O.I.	04	MAT9750238	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295051	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850238	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9296051	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
21 A Extension cable				
				
326577 (5m) (ext.)				
PVC O.I.	04	MAT9750239	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297040	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850239	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9298040	(4G2.5+2x(2x1.5)C)C	16.0 7.5
28 A Basic cable				
				
326589 (5m)				
PVC O.I.	04	MAT9750240	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295060	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850240	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296060	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326591 (7m)				
PVC O.I.	04	MAT9750241	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295061	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850241	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296061	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326592 (10m)				
PVC O.I.	04	MAT9750242	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295062	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850242	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296062	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326593 (15m)				
PVC O.I.	04	MAT9750243	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295063	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850243	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296063	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326594 (20m)				
PVC O.I.	04	MAT9750244	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295064	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850244	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296064	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326596 (25m)				
PVC O.I.	04	MAT9750245	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295065	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850245	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296065	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
28 A Basic cable				
				
326597 (30m)				
PVC O.I.	04	MAT9750246	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295066	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850246	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296066	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326598 (35m)				
PVC O.I.	04	MAT9750247	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295067	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850247	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296067	(4G2.5+2x(2x1.5)C)C	16.0 7.5
326599 (40m)				
PVC O.I.	04	MAT9750248	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295068	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850248	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9296068	(4G2.5+2x(2x1.5)C)C	16.0 7.5

28 A Extension cable



326589 (5m) (ext.)				
PVC O.I.	04	MAT9750249	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9297060	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9850249	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9298060	(4G2.5+2x(2x1.5)C)C	16.0 7.5

36 A Basic cable



326600 (5m)				
PVC O.I.	04	MAT9750250	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295070	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850250	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296070	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326601 (7m)				
PVC O.I.	04	MAT9750251	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295071	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850251	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296071	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326602 (10m)				
PVC O.I.	04	MAT9750252	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295072	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850252	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296072	(4G6.0+2x(2x1.5)C)C	19.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
326603 (15m)				
PVC O.I.	04	MAT9750253	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295073	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850253	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296073	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326604 (20m)				
PVC O.I.	04	MAT9750254	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295074	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850254	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296074	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326605 (25m)				
PVC O.I.	04	MAT9750255	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295075	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850255	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296075	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326606 (30m)				
PVC O.I.	04	MAT9750256	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295076	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850256	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296076	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326607 (35m)				
PVC O.I.	04	MAT9750257	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295077	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850257	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296077	(4G6.0+2x(2x1.5)C)C	19.5 7.5
326608 (40m)				
PVC O.I.	04	MAT9750258	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295078	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850258	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9296078	(4G6.0+2x(2x1.5)C)C	19.5 7.5

36 A Extension cable




326600 (5m) (ext.)				
PVC O.I.	04	MAT9750259	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9297070	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9850259	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9298070	(4G6.0+2x(2x1.5)C)C	19.5 7.5

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Harnessed drive cables | Baumüller

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581



Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
50 A Basic cable				
				
326609 (5m)				
PVC M.I.	05	MAT9295080	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850260	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296080	(4G10+2x(2x1.5)C)C	22.5 7.5
326610 (7m)				
PVC M.I.	05	MAT9295081	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850261	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296081	(4G10+2x(2x1.5)C)C	22.5 7.5
326611 (10m)				
PVC M.I.	05	MAT9295082	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850262	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296082	(4G10+2x(2x1.5)C)C	22.5 7.5
326612 (15m)				
PVC M.I.	05	MAT9295083	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850263	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296083	(4G10+2x(2x1.5)C)C	22.5 7.5
326613 (20m)				
PVC M.I.	05	MAT9295084	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850264	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296084	(4G10+2x(2x1.5)C)C	22.5 7.5
326614 (25m)				
PVC M.I.	05	MAT9295085	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850265	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296085	(4G10+2x(2x1.5)C)C	22.5 7.5
326615 (30m)				
PVC M.I.	05	MAT9295086	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850266	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296086	(4G10+2x(2x1.5)C)C	22.5 7.5
326616 (35m)				
PVC M.I.	05	MAT9295087	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850267	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296087	(4G10+2x(2x1.5)C)C	22.5 7.5
326617 (40m)				
PVC M.I.	05	MAT9295088	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850268	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9296088	(4G10+2x(2x1.5)C)C	22.5 7.5

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables				
50 A Extension cable				
				
326609 (5m) (ext.)				
PVC M.I.	05	MAT9297080	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9850269	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9298080	(4G10+2x(2x1.5)C)C	22.5 7.5
Baumüller Resolver cables				
SRS/SRM50 & SKS/SKM36 Basic cable				
				
239540 (5m)				
PVC	08	MAT9290003	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940203	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840203	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291003	(5x(2x0.14)+2x0.5)C	8.5 6.8
239541 (8m)				
PVC	08	MAT9290005	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940205	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840205	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291005	(5x(2x0.14)+2x0.5)C	8.5 6.8
239542 (10m)				
PVC	08	MAT9290006	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940206	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840206	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291006	(5x(2x0.14)+2x0.5)C	8.5 6.8
239543 (15m)				
PVC	08	MAT9290007	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940207	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840207	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291007	(5x(2x0.14)+2x0.5)C	8.5 6.8
239544 (20m)				
PUR O.I.	09	MAT9940208	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840208	(5x(2x0.14)+2x0.5)C	9.0 7.5
239544 (20m)				
PVC	08	MAT9290008	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	11	MAT9291008	(5x(2x0.14)+2x0.5)C	8.5 6.8
239545 (25m)				
PVC	08	MAT9290009	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940209	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840209	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291009	(5x(2x0.14)+2x0.5)C	8.5 6.8

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Resolver cables				
SRS/SRM50 & SKS/SKM36 Basic cable 				
239546 (30m)				
PVC	08	MAT9290010	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940210	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840210	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291010	(5x(2x0.14)+2x0.5)C	8.5 6.8
239547 (35m)				
PVC	08	MAT9290011	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940211	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840211	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291011	(5x(2x0.14)+2x0.5)C	8.5 6.8
240520 (40m)				
PVC	08	MAT9290012	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940212	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840212	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291012	(5x(2x0.14)+2x0.5)C	8.5 6.8
240521 (45m)				
PVC	08	MAT9290013	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940213	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840213	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291013	(5x(2x0.14)+2x0.5)C	8.5 6.8
240522 (50m)				
PVC	08	MAT9290014	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940214	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840214	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291014	(5x(2x0.14)+2x0.5)C	8.5 6.8
242954 (6m)				
PVC	08	MAT9290004	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940204	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840204	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291004	(5x(2x0.14)+2x0.5)C	8.5 6.8
243379 (4m)				
PVC	08	MAT9290002	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940202	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840202	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291002	(5x(2x0.14)+2x0.5)C	8.5 6.8
244033 (55m)				
PVC	08	MAT9290015	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940215	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840215	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291015	(5x(2x0.14)+2x0.5)C	8.5 6.8

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Resolver cables				
245484 (60m)				
PVC	08	MAT9290016	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940216	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840216	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291016	(5x(2x0.14)+2x0.5)C	8.5 6.8
246658 (3m)				
PVC	08	MAT9290001	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940201	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840201	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291001	(5x(2x0.14)+2x0.5)C	8.5 6.8
SRS/SRM50 & SKS/SKM36 Extension cable 				
246658 (3m) (ext.)				
PVC	08	MAT9292001	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940217	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840217	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293001	(5x(2x0.14)+2x0.5)C	8.5 6.8
Baumüller Pulse encoder cables				
Pulse encoder Basic cable 				
198962 (3m)				
PVC	08	MAT9290020	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940218	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840218	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291020	(5x(2x0.14)+2x0.5)C	8.5 6.8
198963 (5m)				
PVC	08	MAT9290021	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940219	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840219	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291021	(5x(2x0.14)+2x0.5)C	8.5 6.8
198964 (8m)				
PVC	08	MAT9290022	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940220	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840220	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291022	(5x(2x0.14)+2x0.5)C	8.5 6.8
198965 (10m)				
PVC	08	MAT9290023	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940221	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840221	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291023	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Pulse encoder cables				
Pulse encoder Basic cable				
198966 (15m)				
PVC	08	MAT9290024	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940222	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840222	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291024	(5x(2x0.14)+2x0.5)C	8.5 6.8
198967 (20m)				
PVC	08	MAT9290025	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940223	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840223	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291025	(5x(2x0.14)+2x0.5)C	8.5 6.8
198968 (25m)				
PVC	08	MAT9290026	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940224	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840224	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291026	(5x(2x0.14)+2x0.5)C	8.5 6.8
198969 (30m)				
PVC	08	MAT9290027	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940225	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840225	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291027	(5x(2x0.14)+2x0.5)C	8.5 6.8
208829 (40m)				
PVC	08	MAT9290029	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940227	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840227	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291029	(5x(2x0.14)+2x0.5)C	8.5 6.8
225360 (35m)				
PVC	08	MAT9290028	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940226	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840226	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291028	(5x(2x0.14)+2x0.5)C	8.5 6.8



Pulse encoder Extension cable



198962 (3m) (ext.)				
PUR O.I.	09	MAT9940228	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840228	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293020	(5x(2x0.14)+2x0.5)C	8.5 6.8
198962 (3m) (ext.)				
PVC	08	MAT9292020	(5x(2x0.14)+2x0.5)C	8.0 10

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Pulse encoder cables				
ECN1313/EQN1325 Basic cable				
369864 (3m)				
PVC	08	MAT9290031	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940230	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840230	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291031	(5x(2x0.14)+2x0.5)C	8.5 6.8
371494 (20m)				
PVC	08	MAT9290038	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940237	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840237	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291038	(5x(2x0.14)+2x0.5)C	8.5 6.8
378022 (50m)				
PVC	08	MAT9290044	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940243	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840243	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291044	(5x(2x0.14)+2x0.5)C	8.5 6.8
380358 (35m)				
PVC	08	MAT9290041	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940240	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840240	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291041	(5x(2x0.14)+2x0.5)C	8.5 6.8
382005 (45m)				
PVC	08	MAT9290043	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940242	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840242	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291043	(5x(2x0.14)+2x0.5)C	8.5 6.8
389807 (7m)				
PVC	08	MAT9290033	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940232	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840232	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291033	(5x(2x0.14)+2x0.5)C	8.5 6.8
389808 (9m)				
PVC	08	MAT9290035	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	11	MAT9291035	(5x(2x0.14)+2x0.5)C	8.5 6.8
389808 (9m)				
PUR O.I.	09	MAT9940234	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840234	(5x(2x0.14)+2x0.5)C	9.0 6.8
391216 (40m)				
PVC	08	MAT9290042	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940241	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840241	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291042	(5x(2x0.14)+2x0.5)C	8.5 6.8




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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Pulse encoder cables				
ECN1313/EQN1325 Basic cable				
				
393889 (2m)				
PVC	08	MAT9290030	(5x(2x0.14)+2x0.5)C	8.0 10
TPE H*	11	MAT9291030	(5x(2x0.14)+2x0.5)C	8.5 6.8
393889 (2m)				
PUR O.I.	09	MAT9940229	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840229	(5x(2x0.14)+2x0.5)C	9.0 7.5
393890 (8m)				
PVC	08	MAT9290034	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940233	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840233	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291034	(5x(2x0.14)+2x0.5)C	8.5 6.8
393891 (10m)				
PVC	08	MAT9290036	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940235	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840235	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291036	(5x(2x0.14)+2x0.5)C	8.5 6.8
393892 (15m)				
PVC	08	MAT9290037	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940236	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840236	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291037	(5x(2x0.14)+2x0.5)C	8.5 6.8
393893 (25m)				
PVC	08	MAT9290039	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940238	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840238	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291039	(5x(2x0.14)+2x0.5)C	8.5 6.8
393894 (30m)				
PVC	08	MAT9290040	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940239	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840239	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291040	(5x(2x0.14)+2x0.5)C	8.5 6.8
394014 (5m)				
PVC	08	MAT9290032	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940231	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840231	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291032	(5x(2x0.14)+2x0.5)C	8.5 6.8

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Pulse encoder cables				
ECN1313/EQN1325 Extension cable				
				
393889 (2m) (ext.)				
PVC	08	MAT9292030	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840244	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293030	(5x(2x0.14)+2x0.5)C	8.5 6.8
393889 (2m) (ext.)				
PUR O.I.	09	MAT9940244	(5x(2x0.14)+2x0.5)C	8.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
15 A Basic cable, SpeedTec				
				
445872				
PVC O.I.	04	MAT9750260	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295089	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850270	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296089	(4G1.5+2x(2x0.75)C)C	14.5 7.5
445887				
PVC O.I.	04	MAT9750261	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295090	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850271	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296090	(4G1.5+2x(2x0.75)C)C	14.5 7.5
445889				
PVC O.I.	04	MAT9750262	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295091	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850272	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296091	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447675				
PVC O.I.	04	MAT9750263	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295092	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850273	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296092	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447676				
PVC O.I.	04	MAT9750264	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295093	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850274	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296093	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447677				
PVC O.I.	04	MAT9750265	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295094	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850275	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296094	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447678				
PVC O.I.	04	MAT9750266	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295095	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850276	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296095	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447679				
PVC O.I.	04	MAT9750267	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295096	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850277	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296096	(4G1.5+2x(2x0.75)C)C	14.5 7.5

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Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
447680				
PVC O.I.	04	MAT9750268	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295097	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850278	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296097	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447681				
PVC O.I.	04	MAT9750269	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295098	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850279	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296098	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447682				
PVC O.I.	04	MAT9750270	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295099	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850280	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296099	(4G1.5+2x(2x0.75)C)C	14.5 7.5
447683				
PVC O.I.	04	MAT9750271	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9295100	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850281	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9296100	(4G1.5+2x(2x0.75)C)C	14.5 7.5

15 A Extension cable, SpeedTec



445872				
PVC O.I.	04	MAT9750272	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9297085	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850282	(4G1.5+2x(2x0.75)C)C	12.5 10
PUR M.I.	07	MAT9298085	(4G1.5+2x(2x0.75)C)C	14.5 7.5

20 A Basic cable, SpeedTec



447684				
PVC O.I.	04	MAT9750273	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295101	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850283	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296101	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447687				
PVC O.I.	04	MAT9750274	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295102	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850284	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296102	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
20 A Basic cable, SpeedTec				
				
447688				
PVC O.I.	04	MAT9750275	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295103	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850285	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296103	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447692				
PVC O.I.	04	MAT9750276	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295104	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850286	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296104	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447698				
PVC O.I.	04	MAT9750277	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295105	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850287	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296105	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447852				
PVC O.I.	04	MAT9750278	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295106	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850288	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296106	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447853				
PVC O.I.	04	MAT9750279	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295107	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850289	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296107	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447854				
PVC O.I.	04	MAT9750280	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295108	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850290	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296108	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447855				
PVC O.I.	04	MAT9750281	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295109	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850291	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296109	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447856				
PVC O.I.	04	MAT9750282	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295110	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850292	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296110	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
447857				
PVC O.I.	04	MAT9750283	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295111	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850293	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296111	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447858				
PVC O.I.	04	MAT9750284	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295112	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850294	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296112	(4G2.5+2x(2x1.5)C)C	16.0 7.5
20 A Extension cable, SpeedTec				
				
447684				
PVC O.I.	04	MAT9750285	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297086	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850295	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9298086	(4G2.5+2x(2x1.5)C)C	16.0 7.5
21 A Basic cable, SpeedTec				
				
447686				
PVC O.I.	04	MAT9750286	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295113	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850296	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296113	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447689				
PVC O.I.	04	MAT9750287	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295114	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850297	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296114	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447690				
PVC O.I.	04	MAT9750288	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295115	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850298	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296115	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447691				
PVC O.I.	04	MAT9750289	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295116	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850299	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296116	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581


Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
21 A Basic cable, SpeedTec				
				
447693				
PVC O.I.	04	MAT9750290	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295117	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850300	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296117	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447694				
PVC O.I.	04	MAT9750291	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295118	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880201	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296118	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447695				
PVC O.I.	04	MAT9750292	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295119	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880202	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296119	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447696				
PVC O.I.	04	MAT9750293	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295120	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880203	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296120	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447697				
PVC O.I.	04	MAT9750294	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295121	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880204	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296121	(4G2.5+2x(2x1.5)C)C	16.0 7.5
447699				
PVC O.I.	04	MAT9750295	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295122	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880205	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296122	(4G2.5+2x(2x1.5)C)C	16.0 7.5
448060				
PVC O.I.	04	MAT9750296	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295123	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880206	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296123	(4G2.5+2x(2x1.5)C)C	16.0 7.5
448061				
PVC O.I.	04	MAT9750297	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9295124	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880207	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9296124	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Baumüller Servo cables, SpeedTec				
21 A Extension cable, SpeedTec				
				
447686				
PVC O.I.	04	MAT9750298	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9297081	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9880208	(4G2.5+2x(2x1.5)C)C	15.5 10
PUR M.I.	07	MAT9298081	(4G2.5+2x(2x1.5)C)C	16.0 7.5
28 A Basic cable, SpeedTec				
				
448063				
PVC O.I.	04	MAT9750299	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295125	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880209	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296125	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448064				
PVC O.I.	04	MAT9750300	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295126	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880210	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296126	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448065				
PVC O.I.	04	MAT9780201	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295127	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880211	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296127	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448066				
PVC O.I.	04	MAT9780202	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295128	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880212	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296128	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448067				
PVC O.I.	04	MAT9780203	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295129	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880213	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296129	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448069				
PVC O.I.	04	MAT9780204	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295130	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880214	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296130	(4G4.0+2x(2x1.5)C)C	17.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Servo cables, SpeedTec

28 A Basic cable, SpeedTec



448070				
PVC O.I.	04	MAT9780205	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295131	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880215	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296131	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448071				
PVC O.I.	04	MAT9780206	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295132	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880216	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296132	(4G4.0+2x(2x1.5)C)C	17.5 7.5
448072				
PVC O.I.	04	MAT9780207	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9295133	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880217	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9296133	(4G4.0+2x(2x1.5)C)C	17.5 7.5

28 A Extension cable, SpeedTec



448063				
PVC O.I.	04	MAT9780208	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9297082	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9880218	(4G4.0+2x(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9298082	(4G4.0+2x(2x1.5)C)C	17.5 7.5

36 A Basic cable, SpeedTec



448080				
PVC O.I.	04	MAT9780209	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295134	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880219	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296151	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448118				
PVC O.I.	04	MAT9780210	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295135	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880220	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296134	(4G6.0+2x(2x1.5)C)C	19.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Servo cables, SpeedTec

448119				
PVC O.I.	04	MAT9780211	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295136	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880221	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296135	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448120				
PVC O.I.	04	MAT9780212	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295137	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880222	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296136	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448121				
PVC O.I.	04	MAT9780213	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295138	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880223	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296137	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448122				
PVC O.I.	04	MAT9780214	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295139	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880224	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296138	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448123				
PVC O.I.	04	MAT9780215	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295140	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880225	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296139	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448124				
PVC O.I.	04	MAT9780216	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295141	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880226	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296140	(4G6.0+2x(2x1.5)C)C	19.5 7.5
448125				
PVC O.I.	04	MAT9780217	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9295142	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880227	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9296141	(4G6.0+2x(2x1.5)C)C	19.5 7.5

36 A Extension cable, SpeedTec



448080				
PVC O.I.	04	MAT9780218	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9297083	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9880228	(4G6.0+2x(2x1.5)C)C	18.5 10
PUR M.I.	07	MAT9298083	(4G6.0+2x(2x1.5)C)C	19.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Servo cables, SpeedTec

50 A Basic cable, SpeedTec



448129					
PVC M.I.	05	MAT9295143	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880229	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296142	(4G10+2x(2x1.5)C)C	22.5	7.5
448131					
PVC M.I.	05	MAT9295144	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880230	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296143	(4G10+2x(2x1.5)C)C	22.5	7.5
448132					
PVC M.I.	05	MAT9295145	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880231	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296144	(4G10+2x(2x1.5)C)C	22.5	7.5
448133					
PVC M.I.	05	MAT9295146	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880232	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296145	(4G10+2x(2x1.5)C)C	22.5	7.5
448134					
PVC M.I.	05	MAT9295147	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880233	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296146	(4G10+2x(2x1.5)C)C	22.5	7.5
448135					
PVC M.I.	05	MAT9295148	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880234	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296147	(4G10+2x(2x1.5)C)C	22.5	7.5
448136					
PVC M.I.	05	MAT9295149	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880235	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296148	(4G10+2x(2x1.5)C)C	22.5	7.5
448137					
PVC M.I.	05	MAT9295150	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880236	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296149	(4G10+2x(2x1.5)C)C	22.5	7.5
448138					
PVC M.I.	05	MAT9295151	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880237	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9296150	(4G10+2x(2x1.5)C)C	22.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Servo cables, SpeedTec

50 A Extension cable, SpeedTec



448129					
PVC M.I.	05	MAT9297084	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9880238	(4G10+2x(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9298084	(4G10+2x(2x1.5)C)C	22.5	7.5

Baumüller Resolver cables, SpeedTec

SRS/SRM50 & SKS/SKM36 Basic cable, SpeedTec



448944					
PVC	08	MAT9290060	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940260	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840260	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291060	(5x(2x0.14)+2x0.5)C	8.5	6.8
448945					
PVC	08	MAT9290057	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940257	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840257	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291057	(5x(2x0.14)+2x0.5)C	8.5	6.8
448946					
PVC	08	MAT9290056	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940256	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840256	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291056	(5x(2x0.14)+2x0.5)C	8.5	6.8
448948					
PVC	08	MAT9290045	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940245	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840245	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291045	(5x(2x0.14)+2x0.5)C	8.5	6.8
448949					
PVC	08	MAT9290046	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940246	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840246	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291046	(5x(2x0.14)+2x0.5)C	8.5	6.8
448956					
PVC	08	MAT9290047	(5x(2x0.14)+2x0.5)C	8.0	10
PUR O.I.	09	MAT9940247	(5x(2x0.14)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9840247	(5x(2x0.14)+2x0.5)C	9.0	7.5
TPE H*	11	MAT9291047	(5x(2x0.14)+2x0.5)C	8.5	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Resolver cables, SpeedTec

SRS/SRM50 & SKS/SKM36
Basic cable, SpeedTec



448962				
PVC	08	MAT9290048	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940248	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840248	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291048	(5x(2x0.14)+2x0.5)C	8.5 6.8
448967				
PVC	08	MAT9290049	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940249	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840249	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291049	(5x(2x0.14)+2x0.5)C	8.5 6.8
448970				
PVC	08	MAT9290050	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940250	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840250	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291050	(5x(2x0.14)+2x0.5)C	8.5 6.8
448971				
PVC	08	MAT9290051	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940251	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840251	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291051	(5x(2x0.14)+2x0.5)C	8.5 6.8
448973				
PVC	08	MAT9290052	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940252	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840252	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291052	(5x(2x0.14)+2x0.5)C	8.5 6.8
448976				
PVC	08	MAT9290053	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940253	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840253	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291053	(5x(2x0.14)+2x0.5)C	8.5 6.8
448978				
PVC	08	MAT9290054	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940254	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840254	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291054	(5x(2x0.14)+2x0.5)C	8.5 6.8

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Resolver cables, SpeedTec

448980				
PVC	08	MAT9290055	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940255	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840255	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291055	(5x(2x0.14)+2x0.5)C	8.5 6.8
448981				
PVC	08	MAT9290058	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940258	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840258	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291058	(5x(2x0.14)+2x0.5)C	8.5 6.8
448982				
PVC	08	MAT9290059	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940259	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840259	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291059	(5x(2x0.14)+2x0.5)C	8.5 6.8

SRS/SRM50 & SKS/SKM36
Extension cable, SpeedTec



448944				
PVC	08	MAT9292040	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940261	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840261	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293040	(5x(2x0.14)+2x0.5)C	8.5 6.8

Baumüller Pulse encoder cables, SpeedTec

ECN1313/EQN1325
Basic cable, SpeedTec



448816				
PVC	08	MAT9290069	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940270	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840270	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291069	(5x(2x0.14)+2x0.5)C	8.5 6.8
448817				
PVC	08	MAT9290061	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940262	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840262	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291061	(5x(2x0.14)+2x0.5)C	8.5 6.8
448818				
PVC	08	MAT9290075	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940276	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840276	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291075	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Pulse encoder cables, SpeedTec

ECN1313/EQN1325
Basic cable, SpeedTec



448819				
PVC	08	MAT9290066	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940267	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840267	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291066	(5x(2x0.14)+2x0.5)C	8.5 6.8
448820				
PVC	08	MAT9290070	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940271	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840271	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291070	(5x(2x0.14)+2x0.5)C	8.5 6.8
448821				
PVC	08	MAT9290067	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940268	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840268	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291067	(5x(2x0.14)+2x0.5)C	8.5 6.8
448822				
PVC	08	MAT9290071	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940272	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840272	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291071	(5x(2x0.14)+2x0.5)C	8.5 6.8
448823				
PVC	08	MAT9290072	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940273	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840273	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291072	(5x(2x0.14)+2x0.5)C	8.5 6.8
448824				
PVC	08	MAT9290062	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940263	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840263	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291062	(5x(2x0.14)+2x0.5)C	8.5 6.8
448826				
PVC	08	MAT9290073	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940274	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840274	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291073	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Baumüller, SpeedTec

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Baumüller Pulse encoder cables, SpeedTec

448827				
PVC	08	MAT9290064	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940265	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840265	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291064	(5x(2x0.14)+2x0.5)C	8.5 6.8
448828				
PVC	08	MAT9290068	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940269	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840269	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291068	(5x(2x0.14)+2x0.5)C	8.5 6.8
448830				
PVC	08	MAT9290065	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940266	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840266	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291065	(5x(2x0.14)+2x0.5)C	8.5 6.8
448832				
PVC	08	MAT9290063	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940264	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840264	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9291063	(5x(2x0.14)+2x0.5)C	8.5 6.8

ECN1313/EQN1325
Extension cable, SpeedTec



448816				
PVC	08	MAT9292050	(5x(2x0.14)+2x0.5)C	8.0 10
PUR O.I.	09	MAT9940277	(5x(2x0.14)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9840277	(5x(2x0.14)+2x0.5)C	9.0 7.5
TPE H*	11	MAT9293050	(5x(2x0.14)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Beckhoff

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Beckhoff Motor cables

Basic cable



ZK4500-8015-xxx

PUR O.I.	06	MAT9850314	(4G4.0+(2x1.0)C+(2xAWG22)C)C	16.0	10
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ZK4500-8024-xxx

PVC O.I.	04	MAT9750312	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
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PUR O.I.	06	MAT9850312	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
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Basic cable



ZK4501-8024-xxx

PVC O.I.	04	MAT9750313	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
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PUR O.I.	06	MAT9850313	(4G2.5+(2x1.0)C+(2xAWG22)C)C	15.0	10
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Basic cable



ZK4530-8110-xxxx

PVC	14	MAT9381006	(4x(2x0.25))C	7.5	7.5
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PUR	15	MAT9382006	(4x(2x0.25))C	7.5	7.5
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Extension cable



ZK4704-0411-xxxx

PVC M.I.	05	MAT9371008	(4G0.75+(2x0.5)C)C	11.0	7.5
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PUR M.I.	07	MAT9750316	(4G0.75+(2x0.5)C)C	11.5	7.5
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Beckhoff Servo cables

Basic cable



ZK4000-2111-xxxx

PVC O.I.	04	MAT9750305	(4G1.5+(2x1.5)C)	12.5	10
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PVC M.I.	05	MAT9371005	(4G1.5+(2x1.5)C)	13.0	7.5
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PUR O.I.	06	MAT9850305	(4G1.5+(2x1.5)C)	12.5	10
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PUR M.I.	07	MAT9372005	(4G1.5+(2x1.5)C)	13.0	7.5
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Basic cable



ZK4000-2112-xxxx

PVC O.I.	04	MAT9750306	(4G2.5+(2x1.5)C)C	14.0	10
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PVC M.I.	05	MAT9371006	(4G2.5+(2x1.5)C)C	14.5	7.5
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PUR O.I.	06	MAT9850306	(4G2.5+(2x1.5)C)C	14.0	10
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PUR M.I.	07	MAT9372006	(4G2.5+(2x1.5)C)C	14.5	7.5
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Beckhoff

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Beckhoff Servo cables

Basic cable



ZK4000-2711-xxxx

PVC O.I.	04	MAT9750307	(4G1.5+(2x1.5)C)	12.5	10
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PVC M.I.	05	MAT9371007	(4G1.5+(2x1.5)C)	13.0	7.5
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PUR O.I.	06	MAT9850307	(4G1.5+(2x1.5)C)	12.5	10
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PUR M.I.	07	MAT9372007	(4G1.5+(2x1.5)C)	13.0	7.5
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Basic cable



ZK4500-0023-xxxx

PVC O.I.	04	MAT9750301	(4G1.5+2x(2x0.75)C)C	13.5	10
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PVC M.I.	05	MAT9371001	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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PUR O.I.	06	MAT9850301	(4G1.5+2x(2x0.75)C)C	13.5	10
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PUR M.I.	07	MAT9372001	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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Basic cable



ZK4500-0024-xxxx

PVC O.I.	04	MAT9750302	(4G2.5+2x(2x1.5)C)C	16.0	10
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PVC M.I.	05	MAT9371002	(4G2.5+2x(2x1.5)C)C	17.0	7.5
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PUR O.I.	06	MAT9850302	(4G2.5+2x(2x1.5)C)C	16.0	10
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PUR M.I.	07	MAT9372002	(4G2.5+2x(2x1.5)C)C	16.0	7.5
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Extension cable



ZK4501-0023-xxxx

PVC O.I.	04	MAT9750303	(4G1.5+2x(2x0.75)C)C	13.5	10
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PVC M.I.	05	MAT9371003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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PUR O.I.	06	MAT9850303	(4G1.5+2x(2x0.75)C)C	13.5	10
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PUR M.I.	07	MAT9372003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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Extension cable



ZK4501-0024-xxxx

PVC O.I.	04	MAT9750304	(4G2.5+2x(2x1.5)C)C	16.0	10
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PVC M.I.	05	MAT9371004	(4G2.5+2x(2x1.5)C)C	17.0	7.5
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PUR O.I.	06	MAT9850304	(4G2.5+2x(2x1.5)C)C	16.0	10
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PUR M.I.	07	MAT9372004	(4G2.5+2x(2x1.5)C)C	16.0	7.5
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Beckhoff

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Beckhoff Hybrid servo cables				
Basic cable				
ZK4500-8022-xxxx				
PVC O.I.	26	MAT9750308	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850308	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Basic cable				
ZK4500-8023-xxxx				
PVC O.I.	26	MAT9750309	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
PUR O.I.	27	MAT9850309	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
Basic cable				
ZK4704-0421-xxxx				
PVC O.I.	26	MAT9750315	(4G0.75+(2x0.34)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850315	(4G0.75+(2x0.34)C+(2xAWG22)C)C	12.0 10
Extension cable				
ZK4501-8022-xxxx				
PVC O.I.	26	MAT9750310	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
PUR O.I.	27	MAT9850310	(4G1.0+(2x0.75)C+(2xAWG22)C)C	12.0 10
Extension cable				
ZK4501-8023-xxxx				
PVC O.I.	26	MAT9750311	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
PUR O.I.	27	MAT9850311	(4G1.5+(2x0.75)C+(2xAWG22)C)C	13.0 10
Beckhoff Encoder cables				
Basic cable				
ZK4000-2410-xxxx				
PVC	14	MAT9381005	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382005	(8x(2x0.25))C	10.5 7.5
Basic cable				
ZK4000-2610-xxxx				
PVC	14	MAT9381004	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382004	(8x(2x0.25))C	10.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Beckhoff

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Beckhoff Encoder cables				
Basic cable				
ZK4510-0020-xxxx				
PVC	14	MAT9381001	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382001	(8x(2x0.25))C	10.5 7.5
Basic cable				
ZK4520-0020-xxxx				
PVC	14	MAT9381002	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9382002	(6x(2x0.25))C	9.0 7.5
Extension cable				
ZK4511-0020-xxxx				
PVC	14	MAT9381003	(8x(2x0.25))C	10.5 7.5
PUR	15	MAT9382003	(8x(2x0.25))C	10.5 7.5
Beckhoff Thermal protection cables				
Basic cable				
ZK4000-2510-xxxx				
PVC	14	MAT9386001	(2x0.25)C	5.0 7.5
TPE H*	11	MAT9387001	(4x0.34)C	6.0 6.8
Beckhoff Resolver cables				
Basic cable				
ZK4000-2210-xxxx				
PVC	14	MAT9383003	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9384003	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9920303	(4x(2x0.25))C	8.5 6.8
Basic cable				
ZK4530-0010-xxxx				
PVC	14	MAT9383001	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9384001	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9920301	(4x(2x0.25))C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Beckhoff

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Beckhoff Resolver cables

Basic cable



ZK4530-8010-xxxx

PVC	14	MAT9383005	(4x(2x0.25))C	7.5	7.5
PUR	15	MAT9384005	(4x(2x0.25))C	7.5	7.5
TPE H*	16	MAT9920306	(4x(2x0.25))C	8.5	6.8

Extension cable



ZK4531-0020-xxxx

PVC	14	MAT9383002	(4x(2x0.25))C	7.5	7.5
PUR	15	MAT9384002	(4x(2x0.25))C	7.5	7.5
TPE H*	16	MAT9920302	(4x(2x0.25))C	8.5	6.8

Extension cable



ZK4724-0410-xxxx

PVC	14	MAT9383004	(3x(2x0.25))C	7.0	7.5
PUR	15	MAT9384004	(3x(2x0.25))C	7.0	7.5
TPE H*	16	MAT9920305	(3x(2x0.25))C	8.0	6.8

Beckhoff Network cables EtherCAT

Basic cable



ZK1090-9191-xxxx

PUR	29	MAT9385003	(4x(2x0.15))C	7.5	12.5
TPE	12	MAT9385002	(4x(2x0.15))C	8.5	10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Berger Lahr

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Berger Lahr Servo cables

Basic cable



VW3M5101Rxxx

PVC O.I.	04	MAT94503001	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT94502001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT94501001	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT94500001	(4G1.5+(2x1.5)C)	13.0	7.5

VW3M5102Rxxx

PVC O.I.	04	MAT94503002	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT94502003	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT94501003	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT94500003	(4G2.5+(2x1.5)C)C	14.5	7.5

Berger Lahr Resolver cables

Basic cable




VW3M8101Rxxx

PVC	08	MAT94603001	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT94601001	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT94600001	(4x(2x0.34)+4x0.5)C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Basic cable				
				
IKG0331				
PVC M.I.	05	MAT9190014	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9090014	(4G0.75+(2x0.5)C)C	11.5 7.5
IKG4008				
PVC M.I.	05	MAT9190064	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851315	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090064	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4009				
PVC M.I.	05	MAT9190001	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851316	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090001	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4017				
PVC M.I.	05	MAT9190002	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851317	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090002	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4018				
PVC M.I.	05	MAT9190003	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851318	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090003	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4020				
PVC M.I.	05	MAT9190004	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851319	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090004	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4055				
PVC O.I.	04	MAT9751309	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851320	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090005	(4G1.5+2x(2x0.75)C)C	14.5 7.5
IKG4060				
PVC O.I.	04	MAT9751310	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851321	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090006	(4G1.5+2x(2x0.75)C)C	14.5 7.5
IKG4067				
PVC O.I.	04	MAT9751311	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190007	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851322	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090007	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
IKG4070				
PVC O.I.	04	MAT9751312	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190008	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851323	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090008	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKG4072				
PVC O.I.	04	MAT9751313	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190068	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851324	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090068	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKG4087				
PVC O.I.	04	MAT9751314	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190009	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851325	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090009	(4G4.0+2x(2x1.5)C)C	17.5 7.5
IKG4090				
PVC O.I.	04	MAT9751315	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190010	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851326	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090010	(4G4.0+2x(2x1.5)C)C	17.5 7.5
IKG4100				
PVC M.I.	05	MAT9190020	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851327	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090020	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4103				
PVC O.I.	04	MAT9751316	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190076	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851328	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090076	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4107				
PVC O.I.	04	MAT9751317	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190011	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851329	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090011	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4118				
PVC O.I.	04	MAT9751318	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190070	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851330	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090070	(4G6.0+2x(2x1.5)C)C	19.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Basic cable				
				
IKG4119				
PVC M.I.	05	MAT9190027	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851331	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090027	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4119				
PVC M.I.	05	MAT9190027	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851331	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090027	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKG4147				
PVC O.I.	04	MAT9751319	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190038	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851332	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090038	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4150				
PVC O.I.	04	MAT9751320	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190012	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851333	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090012	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4155				
PVC O.I.	04	MAT9751321	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190028	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851334	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090028	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4164				
PVC M.I.	05	MAT9190035	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851335	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090035	(4G10+2x(2x1.5)C)C	22.5 7.5
IKG4167				
PVC M.I.	05	MAT9190013	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851336	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090013	(4G10+2x(2x1.5)C)C	22.5 7.5
IKG4172				
PVC M.I.	05	MAT9190069	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851337	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090069	(4G16+2x(2x1.5)C)C	26.0 7.5
IKG4173				
PVC M.I.	05	MAT9190072	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851338	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090072	(4G25+2x(2x1.5)C)C	31.0 7.5

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
IKG4186				
PVC M.I.	05	MAT9190021	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851339	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090021	(4G16+2x(2x1.5)C)C	26.0 7.5
IKG4200				
PVC M.I.	05	MAT9190032	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851340	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090032	(4G16+2x(2x1.5)C)C	26.0 7.5
IKG4204				
PVC M.I.	05	MAT9190052	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851341	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090052	(4G25+2x(2x1.5)C)C	31.0 7.5
IKL0001				
PVC M.I.	05	MAT9190022	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851301	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090022	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKL0002				
PVC M.I.	05	MAT9751354	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851385	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851384	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKL0006				
PVC M.I.	05	MAT9190067	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851302	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090067	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKL0011				
PVC M.I.	05	MAT9190023	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851303	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090023	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKL0012				
PVC M.I.	05	MAT9751355	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851387	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851386	(4G1.0+2x(2x0.75)C)	13.5 7.5
IKL0021				
PVC O.I.	04	MAT9751301	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190024	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851304	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090024	(4G1.5+2x(2x0.75)C)C	14.5 7.5
IKL0022				
PVC O.I.	04	MAT9751357	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751356	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851389	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9851388	(4G1.5+2x(2x0.75)C)C	14.5 7.5

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Power cables

Basic cable



IKL0041				
PVC O.I.	04	MAT9751302	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190017	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851305	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090017	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKL0042				
PVC O.I.	04	MAT9751303	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190077	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851306	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090077	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKL0061				
PVC O.I.	04	MAT9751304	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190018	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851307	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090018	(4G4.0+2x(2x1.5)C)C	17.5 7.5
IKL0081				
PVC O.I.	04	MAT9751305	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190030	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851308	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090030	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKL0101				
PVC O.I.	04	MAT9751306	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190025	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851309	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090025	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKL0121				
PVC M.I.	05	MAT9190019	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851310	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090019	(4G10+2x(2x1.5)C)C	22.5 7.5
IKL0161				
PVC M.I.	05	MAT9190063	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851311	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090063	(4G25+2x(2x1.5)C)C	31.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Power cables


Basic cable



RKL0006				
PVC M.I.	05	MAT9751359	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851393	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851392	(4G1.0+2x(2x0.75)C)	13.5 7.5
RKL0013				
PVC M.I.	05	MAT9751360	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9851394	(4G0.75+(2x0.5)C)C	11.5 7.5
RKL0014				
PVC M.I.	05	MAT9751361	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851396	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851395	(4G1.0+2x(2x0.75)C)	13.5 7.5
RKL0019				
PVC O.I.	04	MAT9751363	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751362	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851398	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851397	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL0053				
PVC M.I.	05	MAT9751364	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513100	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9851399	(4G1.0+2x(2x0.75)C)	13.5 7.5
RKL0054				
PVC O.I.	04	MAT9751366	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751365	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT98513102	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT98513101	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4300				
PVC O.I.	04	MAT9751326	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190071	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851349	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090071	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4301				
PVC O.I.	04	MAT9751327	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190037	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851350	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090037	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4302				
PVC M.I.	05	MAT9190026	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851351	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090026	(4G1.0+2x(2x0.75)C)	13.5 7.5

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igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Basic cable				
				
RKL4303				
PVC M.I.	05	MAT9190029	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT9851352	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT9090029	(4G1.0+2x(2x0.75)C)	13.5 7.5
RKL4306				
PVC O.I.	04	MAT9751328	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190040	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851353	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090040	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4307				
PVC O.I.	04	MAT9751329	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190041	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851354	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090041	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4308				
PVC O.I.	04	MAT9751330	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190033	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851355	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090033	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4309				
PVC O.I.	04	MAT9751331	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190042	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851356	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090042	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4310				
PVC O.I.	04	MAT9751332	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190043	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851357	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090043	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4313				
PVC O.I.	04	MAT9751333	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190062	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851358	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090062	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4314				
PVC O.I.	04	MAT9751334	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190060	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851359	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090060	(4G4.0+2x(2x1.5)C)C	17.5 7.5

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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
RKL4315				
PVC O.I.	04	MAT9751335	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190059	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851360	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090059	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4317				
PVC O.I.	04	MAT9751336	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190061	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851361	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090061	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4318				
PVC O.I.	04	MAT9751337	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190047	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851362	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090047	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4320				
PVC O.I.	04	MAT9751338	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190039	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851363	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090039	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4321				
PVC O.I.	04	MAT9751339	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190075	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851364	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090075	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4322				
PVC O.I.	04	MAT9751340	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190078	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851365	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090078	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4323				
PVC O.I.	04	MAT9751341	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190073	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851366	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090073	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4324				
PVC M.I.	05	MAT9190079	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851367	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090079	(4G10+2x(2x1.5)C)C	22.5 7.5
RKL4325				
PVC O.I.	04	MAT9751342	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9190049	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851368	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9090049	(4G1.5+2x(2x0.75)C)C	14.5 7.5


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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Basic cable				
				
RKL4326				
PVC O.I.	04	MAT9751343	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9190045	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851369	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9090045	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4327				
PVC O.I.	04	MAT9751344	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9190050	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851370	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9090050	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4328				
PVC O.I.	04	MAT9751345	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9190057	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851371	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9090057	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4329				
PVC M.I.	05	MAT9190051	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851372	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090051	(4G10+2x(2x1.5)C)C	22.5 7.5
RKL4330				
PVC M.I.	05	MAT9190080	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851373	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9090080	(4G16+2x(2x1.5)C)C	26.0 7.5
RKL4331				
PVC M.I.	05	MAT9190081	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851374	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9090081	(4G25+2x(2x1.5)C)C	31.0 7.5
RKL4332				
PVC M.I.	05	MAT9751367	(4G35+2x(2x1.5)C)C	34.0 7.5
PUR O.I.	06	MAT98513104	(4G35+2x(2x1.5)C)C	35.0 10
RKL4343				
PVC O.I.	04	MAT9751369	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9751368	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513106	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513105	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4344				
PVC M.I.	05	MAT9751370	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT98513108	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT98513107	(4G16+2x(2x1.5)C)C	26.0 7.5


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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Linking cable with adapter plug				
				
IKG0332				
PVC M.I.	05	MAT9190015	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT9090015	(4G0.75+(2x0.5)C)C	11.5 7.5
IKG4006				
PVC M.I.	05	MAT9191001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851342	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
IKG4016				
PVC M.I.	05	MAT9191002	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851343	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091002	(4G1.0+2x(2x0.75)C)C	13.5 7.5
IKG4061				
PVC O.I.	04	MAT9751322	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191004	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851344	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091004	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKG4074				
PVC O.I.	04	MAT9751323	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191014	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851345	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091014	(4G2.5+2x(2x1.5)C)C	16.0 7.5
IKG4081				
PVC O.I.	04	MAT9751324	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9191016	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851346	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9091016	(4G4.0+2x(2x1.5)C)C	17.5 7.5
IKG4141				
PVC O.I.	04	MAT9751325	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191003	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851347	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091003	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKG4161				
PVC M.I.	05	MAT9190036	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851348	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9090036	(4G10+2x(2x1.5)C)C	22.5 7.5
IKL0003				
PVC M.I.	05	MAT9751358	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851391	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9851390	(4G1.0+2x(2x0.75)C)C	13.5 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Power cables				
Linking cable with adapter plug				
				
IKL0023				
PVC O.I.	04	MAT9751307	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191013	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851312	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091013	(4G1.5+2x(2x0.75)C)C	14.5 7.5
IKL0089				
PVC O.I.	04	MAT9751308	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191005	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851313	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091005	(4G6.0+2x(2x1.5)C)C	19.5 7.5
IKL0168				
PVC M.I.	05	MAT9191006	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT9851314	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT9091006	(4G25+2x(2x1.5)C)C	31.0 7.5
RKL0035				
PVC M.I.	05	MAT9751371	(4G0.75+(2x0.5)C)C	11.0 7.5
PUR M.I.	07	MAT98513109	(4G0.75+(2x0.5)C)C	11.5 7.5
RKL4304				
PVC O.I.	04	MAT9751346	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851375	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091007	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4305				
PVC M.I.	05	MAT9191008	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851376	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9091008	(4G1.0+2x(2x0.75)C)C	13.5 7.5
RKL4311				
PVC O.I.	04	MAT9751347	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9191009	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851377	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9091009	(4G1.5+2x(2x0.75)C)C	14.5 7.5

Extension cable



RKL4312				
PVC O.I.	04	MAT9751348	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191010	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851378	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091010	(4G2.5+2x(2x1.5)C)C	16.0 7.5

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Bosch Rexroth Power cables				
RKL4316				
PVC O.I.	04	MAT9751349	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9191011	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851379	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9091011	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4319				
PVC O.I.	04	MAT9751350	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191012	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851380	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091012	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4335				
PVC O.I.	04	MAT9751373	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9751372	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT98513111	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT98513110	(4G1.5+2x(2x0.75)C)C	14.5 7.5
RKL4336				
PVC O.I.	04	MAT9751351	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9191018	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851381	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9091018	(4G2.5+2x(2x1.5)C)C	16.0 7.5
RKL4337				
PVC O.I.	04	MAT9751375	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9751374	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT98513113	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT98513112	(4G4.0+2x(2x1.5)C)C	17.5 7.5
RKL4338				
PVC O.I.	04	MAT9751352	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9191017	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851382	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9091017	(4G6.0+2x(2x1.5)C)C	19.5 7.5
RKL4339				
PVC M.I.	05	MAT9751376	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT98513115	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT98513114	(4G10+2x(2x1.5)C)C	22.5 7.5
RKL4340				
PVC M.I.	05	MAT9191015	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851383	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9091015	(4G16+2x(2x1.5)C)C	26.0 7.5
RKL4341				
PVC M.I.	05	MAT9751377	(4G25+2x(2x1.5)C)C	31.0 7.5
PUR O.I.	06	MAT98513117	(4G25+2x(2x1.5)C)C	28.5 10
PUR M.I.	07	MAT98513116	(4G25+2x(2x1.5)C)C	31.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Servo cables

Basic cable



RL2-002CBB-NN-xxx,x				
PVC M.I.	05	MAT97513150	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513156	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513150	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-022CBB-NN-xxx,x				
PVC M.I.	05	MAT97513152	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513158	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513152	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-045EBB-NN-xxx,x				
PVC M.I.	05	MAT97513154	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513160	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513154	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Extension cable



RL2-500CBB-NN-xxx,x				
PVC M.I.	05	MAT97513151	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513157	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513151	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-521CBB-NN-xxx,x				
PVC M.I.	05	MAT97513153	(4G1.0+2x(2x0.75)C)	13.5 7.5
PUR O.I.	06	MAT98513159	(4G1.0+2x(2x0.75)C)	13.0 10
PUR M.I.	07	MAT98513153	(4G1.0+2x(2x0.75)C)	13.5 7.5
RL2-542EBB-NN-xxx,x				
PVC M.I.	05	MAT97513155	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT98513161	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT98513155	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Bosch Rexroth Hybrid servo cables

Basic cable



RH2-021DBB-NN				
PUR O.I.	27	MAT98513122	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10
RH2-022DBB-NN				
PUR O.I.	27	MAT98513123	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10
RH2-023DBB-NN				
PUR O.I.	27	MAT98513124	(4G1.5+(2x0.75)C +(2x2x0.14+2x0.25)C)C	15.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Hybrid servo cables

Basic cable



RKH0101				
PUR O.I.	27	MAT98513120	(5x2.5+(5x0.35)+(4xAWG22)C)C	17.0 10

Basic cable



RKH0900				
PUR O.I.	27	MAT98513121	(5x2.5+(5x0.35)+(4xAWG22)C)C	17.0 10

Bosch Rexroth Encoder cables

Basic cable



IKS0230				
PVC	08	MAT9110008	(2x(2x0.25)+2x0.5)C	6.5 10
PUR M.I.	10	MAT9841307	(2x(2x0.25)+2x0.5)C	6.5 7.5
TPE H*	11	MAT9100008	(2x(2x0.25)+2x0.5)C	6.5 6.8
IKS0251				
TPE H*	24	MAT9100014	(12x0.5)C	12.0 5
IKS0253				
TPE H*	24	MAT9100023	(12x0.5)C	12.0 5
IKS0259				
TPE H*	24	MAT9100032	(12x0.5)C	12.0 5
IKS0262				
TPE H*	24	MAT9100016	(12x0.5)C	12.0 5
IKS0301				
PVC	08	MAT9110015	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841308	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100015	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS0315				
PVC	08	MAT9110020	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841309	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100020	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS0374				
PVC	08	MAT9110011	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841310	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100011	(4x(2x0.25)+2x1.0)C	9.0 6.8

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Encoder cables

Basic cable



IKS4001				
PVC	08	MAT9110026	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841311	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100026	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
IKS4002				
PVC	08	MAT9110010	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841312	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100010	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
IKS4020				
PVC	08	MAT9110006	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841313	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100006	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
IKS4038				
PVC	08	MAT9110027	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841314	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100027	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
IKS4041				
PVC	08	MAT9110028	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841315	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100028	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
IKS4042				
PVC	08	MAT9110017	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841316	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100017	(4x(2x0.25)+2x0.5)C	8.5 6.8

Basic cable



IKS4066				
PVC	08	MAT9110025	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841317	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100025	(4x(2x0.25)+2x0.5)C	8.5 6.8

Basic cable



IKS4103				
PVC	08	MAT9110001	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841318	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100001	(4x(2x0.25)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Bosch Rexroth Encoder cables

Basic cable



IKS4142				
PVC	08	MAT9110007	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841319	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9100007	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
IKS4314				
PVC	08	MAT9110004	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841320	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100004	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS4374				
PVC	08	MAT9110002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841321	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100002	(4x(2x0.25)+2x0.5)C	8.5 6.8
IKS4375				
PVC	08	MAT9110003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841322	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100003	(4x(2x0.25)+2x0.5)C	8.5 6.8
IKS4384				
PVC	08	MAT9110005	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841323	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100005	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
IKS4389				
PVC	08	MAT9110033	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841324	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100033	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8



Basic cable



RG2-002AAB-NN-xxx,x				
PVC	08	MAT9741301	(2x(2x0.25)+2x0.5)C	6.5 10
TPE H*	11	MAT9941301	(2x(2x0.25)+2x0.5)C	6.5 6.8
RKG0014				
PVC	08	MAT9110030	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841301	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100030	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
RKG0020				
PVC	08	MAT9110034	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841302	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100034	(4x(2x0.25)+2x0.5)C	8.5 6.8


Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				
Basic cable				
				
RKG0026				
PVC	08	MAT9110029	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841303	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100029	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
RKG0028				
PVC	08	MAT9110031	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 10
PUR M.I.	10	MAT9841304	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 7.5
TPE H*	11	MAT9100031	(3x(2x0.25)C+(3x0.25)+2x1.0)C	10.0 6.8
RKG4200				
PVC	08	MAT9110013	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841305	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9100013	(4x(2x0.25)+2x0.5)C	8.5 6.8
Linking cable with adapter plug				
				
IKS0232				
PVC	08	MAT9110009	(2x(2x0.25)+2x0.5)C	6.5 10
PUR M.I.	10	MAT9841325	(2x(2x0.25)+2x0.5)C	6.5 7.5
TPE H*	11	MAT9100009	(2x(2x0.25)+2x0.5)C	6.5 6.8
IKS0255				
TPE H*	24	MAT9100018	(12x0.5)C	12.0 5
IKS0303				
PVC	08	MAT9110019	(4x(2x0.25)+2x1.0)C	8.5 10
PUR M.I.	10	MAT9841326	(4x(2x0.25)+2x1.0)C	9.0 7.5
TPE H*	11	MAT9100019	(4x(2x0.25)+2x1.0)C	9.0 6.8
IKS4065				
PVC	08	MAT9111001	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841327	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101001	(4x(2x0.25)+2x0.5)C	8.5 6.8
IKS4151				
PVC	08	MAT9111002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841328	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101002	(4x(2x0.25)+2x0.5)C	8.5 6.8
IKS4153				
PVC	08	MAT9111003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841329	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101003	(4x(2x0.25)+2x0.5)C	8.5 6.8

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Bosch Rexroth Encoder cables				
IKS4322				
PVC	08	MAT9111005	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841331	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101005	(4x(2x0.25)+2x0.5)C	8.5 6.8
IKS4376				
PVC	08	MAT9111004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841330	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101004	(4x(2x0.25)+2x0.5)C	8.5 6.8
Extension cable with adapter plug				
				
RG2-510AAB-NN-xxx,x				
PVC	08	MAT9741302	(2x(2x0.25)+2x0.5)C	6.5 10
TPE H*	11	MAT9941302	(2x(2x0.25)+2x0.5)C	6.5 6.8
RKG4201				
PVC	08	MAT9111006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841306	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9101006	(4x(2x0.25)+2x0.5)C	8.5 6.8

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961



EPLAN macros suitable for Bosch Rexroth available online

Can be used directly in CAE planning.

Learn more about it on page 582/583 and online: www.igus.eu/eplan-macro



* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Elau/Schneider Electric Servo cables

Basic cable



E-MO-067				
PVC O.I.	04	MAT9750701	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850701	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470101	(4G1.5+2x(2x0.75)C)C	14.5 7.5
E-MO-092				
PVC O.I.	04	MAT9750704	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470004	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850704	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470104	(4G1.5+2x(2x0.75)C)C	14.5 7.5

Basic cable



E-MO-087				
PVC O.I.	04	MAT9750703	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9470003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850703	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470103	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Basic cable



E-MO-111 SH-Motor 1.5				
PVC O.I.	04	MAT9750702	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9470002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9850702	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470102	(4G1.5+2x(2x0.75)C)C	14.5 7.5

Basic cable



E-MO-113 SH-Motor 2.5				
PVC O.I.	04	MAT9750705	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9470005	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9850705	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9470105	(4G2.5+2x(2x1.5)C)C	16.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Elau/Schneider Electric Hybrid servo cables

Basic cable



E-MO-109, VW3E1109Rxxx				
PUR O.I.	06	MAT9850706	(4G25+2x(2x1.5)C)C	28.5 10

Elau/Schneider Electric Encoder cables

Basic cable



E-FB-060				
PVC	08	MAT9480001	(4x(2x0.25)+2x0.5)C	8.0 10
TPE H*	11	MAT9480101	(4x(2x0.25)+2x0.5)C	8.5 6.8
E-FB-071				
PVC	08	MAT9480002	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9940702	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9480102	(4x(2x0.25)+2x0.5)C	8.5 6.8

Basic cable



E-FB-080				
PVC	08	MAT9480003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9940703	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9480103	(4x(2x0.25)+2x0.5)C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fagor

PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Fagor Path measuring cables				
Extension cable				
iEEC-x				
PUR O.I.	09	MAT9950808	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850808	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520070	(4x(2x0.14)+4x0.5)C	9.0 6.8
Extension cable				
iXC-C2-D				
PUR O.I.	09	MAT9950801	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850801	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520001	(4x(2x0.14)+4x0.5)C	9.0 6.8
Extension cable				
iXC-C2-FN2				
PUR O.I.	09	MAT9950807	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850807	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520060	(4x(2x0.14)+4x0.5)C	9.0 6.8
Extension cable				
iXC-C2-H				
PUR O.I.	09	MAT9950803	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850803	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520020	(4x(2x0.14)+4x0.5)C	9.0 6.8
Extension cable				
iXC-C4-D				
PUR O.I.	09	MAT9950802	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850802	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520010	(4x(2x0.14)+4x0.5)C	9.0 6.8
Extension cable				
iXC-C8-F-C9				
PUR O.I.	09	MAT9950805	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT9850805	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT9520040	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	11.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fagor

PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Fagor Path measuring cables				
Extension cable				
iXC-C8-F-D				
PUR O.I.	09	MAT9950804	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT9850804	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT9520030	(2x(2x(2x0.14))+4x0.14)C+(4x0.5)C	11.0 6.8
Extension cable				
iXC-C8-FN				
PUR O.I.	09	MAT9950806	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9850806	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9520050	(4x(2x0.14)+4x0.5)C	9.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fanuc

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Fanuc Power cables

Basic cable



LX660-8077-T261

PVC M.I.	01	MAT9760901	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9200061	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9210061	(4G1.5)C	11.0	7.5
TPE F	02	MAT9960901	(4G1.5)C	10.0	7.5

Basic cable



LX660-8077-T264

PVC M.I.	01	MAT9760902	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200064	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210064	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960902	(4G2.5)C	11.5	7.5

LX660-8077-T266

PVC M.I.	01	MAT9760904	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200066	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210066	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960904	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T265

PVC M.I.	01	MAT9760903	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200065	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210065	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960903	(4G2.5)C	11.5	7.5

LX660-8077-T267

PVC M.I.	01	MAT9760905	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200067	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210067	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960905	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T270

PVC M.I.	01	MAT9760906	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200070	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9210070	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960906	(4G4.0)C	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fanuc

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Fanuc Power cables

Basic cable



LX660-8077-T271

PVC M.I.	01	MAT9760907	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200071	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9210071	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960907	(4G4.0)C	13.0	7.5

LX660-8077-T272

PVC M.I.	01	MAT9760908	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9200072	(4G10)C	17.0	10
PUR M.I.	07	MAT9210072	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	02	MAT9960908	(4G10)C	18.5	7.5

LX660-8077-T273

PVC M.I.	01	MAT9760909	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9200073	(4G10)C	17.0	10
PUR M.I.	07	MAT9210073	(4G10+(2x1.5)C)C	21.0	7.5
TPE F	02	MAT9960909	(4G10)C	18.5	7.5

Basic cable



LX660-8077-T291

PVC M.I.	01	MAT9760910	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200091	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210091	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960910	(4G2.5)C	11.5	7.5

LX660-8077-T293

PVC M.I.	01	MAT9760912	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200093	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9210093	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960912	(4G4.0)C	13.0	7.5

Basic cable



LX660-8077-T292

PVC M.I.	01	MAT9760911	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200092	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9210092	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960911	(4G4.0)C	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fanuc

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Fanuc Power cables

Basic cable



LX660-8077-T296

PVC M.I.	01	MAT9760913	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200096	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210096	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960913	(4G2.5)C	11.5	7.5

Basic cable



LX660-8077-T298

PVC M.I.	01	MAT9760914	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9200098	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9210098	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9960914	(4G4.0)C	13.0	7.5

Basic cable



LX660-8077-T300

PVC M.I.	01	MAT9760915	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9200300	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9210300	(4G2.5)C	12.5	7.5
TPE F	02	MAT9960915	(4G2.5)C	11.5	7.5

Fanuc Servo cables

Basic cable



LX660-8077-T259

PUR O.I.	06	MAT9850916	(4G1.5)C	9.0	10
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Basic cable



LX660-8077-T274

PUR O.I.	06	MAT9850921	(4G2.5)C	10.5	10
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LX660-8077-T416

PUR O.I.	06	MAT9850923	(4G1.5+(2x1.5)C)	12.5	10
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LX660-8077-T451

PUR O.I.	06	MAT9850920	(4G2.5)C	10.5	10
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fanuc

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Fanuc Servo cables

Basic cable



LX660-8077-T470

PUR O.I.	06	MAT9850925	(4G4.0)C	12.5	10
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Basic cable



LX660-8077-T471

PUR O.I.	06	MAT9850917	(4G4.0)C	12.5	10
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Fanuc Brake cables

Basic cable



LX660-8077-T311

PUR M.I.	22	MAT9810919	(3G0.75)C	8.0	6.8
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Fanuc Signal cables

Basic cable



LX660-2018-T015

PVC	14	MAT9840924	(10x(2x0.25))C	12.0	7.5
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Basic cable



LX660-4077-T296

PUR O.I.	09	MAT9300296	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	10	MAT9840901	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	11	MAT9310296	((2x0.25)+5x0.5)C	7.5	6.8

Basic cable



LX660-4077-T297

PUR O.I.	09	MAT9300297	((2x0.25)+5x0.5)C	7.0	10
PUR M.I.	10	MAT9840902	((2x0.25)+5x0.5)C	8.0	7.5
TPE H*	11	MAT9310297	((2x0.25)+5x0.5)C	7.5	6.8

Basic cable



LX660-4077-T302

PUR O.I.	09	MAT9300302	((4x0.25)+3x(2x0.25+2x0.5))C	9.5	10
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Fanuc

PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Fanuc Signal cables				
Basic cable				
PUR M.I.	10	MAT9840903	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310302	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
Basic cable				
LX660-4077-T303				
PUR O.I.	09	MAT9300303	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840904	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310303	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
LX660-4077-T310				
TPE H*	11	MAT9940922	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
Basic cable				
LX660-4077-T319				
PUR O.I.	09	MAT9300319	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9840905	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9310319	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Festo

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Festo Servo cables				
Basic cable				
NEBM-M16G8-E-xxx-Q7-LE8				
PUR O.I.	06	MAT9852303	(4G0.75+2x(2x0.34))C	12.0 10
Basic cable				
NEBM-M23G6-E-xxx-N-LE7				
PVC O.I.	04	MAT9752301	(4G1.5+2x(2x0.75))C	13.5 10
PVC M.I.	05	MAT9752317	(4G1.5+2x(2x0.75))C	14.5 7.5
PUR O.I.	06	MAT9852301	(4G1.5+2x(2x0.75))C	13.5 10
PUR M.I.	07	MAT9852317	(4G1.5+2x(2x0.75))C	14.5 7.5
NEBM-M23G8-E-xxx-N-LE8				
PVC O.I.	04	MAT9752300	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752316	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852300	(4G2.5+(4x0.5))C	13.5 10
PUR M.I.	07	MAT9852316	(4G2.5+(4x0.5))C	14.0 7.5
Basic cable				
NEBM-M40G8-E-xxx-N-LE7				
PVC O.I.	04	MAT9752302	(4G2.5+2x(2x1.5))C	16.0 10
PVC M.I.	05	MAT9752318	(4G2.5+2x(2x1.5))C	17.0 7.5
PUR O.I.	06	MAT9852302	(4G2.5+2x(2x1.5))C	16.0 10
PUR M.I.	07	MAT9852318	(4G2.5+2x(2x1.5))C	16.0 7.5
Festo Control cables				
Basic cable				
KPWR-MC-1-SUB-9HC-xxx				
PVC M.I.	18	MAT9712320	(3G1.5)C	9.0 7.5
PUR M.I.	22	MAT9812320	(3G1.5)C	9.5 6.8
Festo Encoder cables				
Basic cable				
NEBM-M23G12-E-xxx-N-S1G9				
PVC	08	MAT9742308	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR O.I.	09	MAT9842308	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9842324	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9942308	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Festo

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Festo Data cables				
Basic cable				
KDI-MC-M8-SUB-9-xxx				
PVC	30	MAT9722311	(3x0.25)C	5.0 10
PUR	13	MAT9822311	(3x0.25)C	5.5 10
Basic cable				
KES-MC-1-SUB-9-xxx				
PVC	30	MAT9722310	(14x0.14)C	7.0 10
PUR	13	MAT9822310	(14x0.14)C	7.5 10
Basic cable				
NEBM-M12G8-E-xxx-N-S1G15				
PVC	14	MAT9722305	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822305	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922305	(4x(2x0.25))C	8.5 6.8
Basic cable				
NEBM-M12G8-E-xxx-S1G9				
PVC	14	MAT9722306	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822306	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922306	(4x(2x0.25))C	8.5 6.8
Basic cable				
NEBM-M12W8-E-xxx-N-S1G15				
PVC	14	MAT9722307	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822307	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922307	(4x(2x0.25))C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Festo

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Festo Data cables				
Basic cable				
NEBM-S1G15-E-xxx-LE6				
PVC	14	MAT9722309	(4x(2x0.5))C	9.5 7.5
PUR	15	MAT9822309	(4x(2x0.5))C	9.5 7.5
TPE H*	16	MAT9922309	(4x(2x0.5))C	9.5 6.8
Basic cable				
NEBM-S1G9-E-xxx-LE6				
PVC	30	MAT9722313	(7x0.34)C	7.5 10
PUR	13	MAT9822313	(7x0.34)C	6.5 10
Festo Bus cables				
Basic cable				
FBA-CO-SUB-9-M12				
PVC, oil-res.	28	MAT9732312	(4x0.5)C	8.5 12.5
PUR	29	MAT9832312	(4x0.5)C	8.5 12.5
TPE	12	MAT9932312	(4x0.5)C	8.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Heidenhain Servo cables				
Linking cable				
352 960-xx				
PVC O.I.	04	MAT94907005	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9761001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT93907005	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9861001	(4G1.5+(2x1.5)C)	13.0 7.5
352 962-xx				
PVC O.I.	04	MAT94907008	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9761003	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT93907008	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9861003	(4G1.5+(2x1.5)C)	13.0 7.5
352 963-xx				
PVC O.I.	04	MAT94907006	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9761002	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT93907006	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9861002	(4G4.0+(2x1.5)C)C	16.0 7.5
Heidenhain Adapter cables				
Basic cable				
298 401-xx				
PVC	08	MAT9741006	(4x(2x0.14)+4x0.5)C	8.5 10
PUR O.I.	09	MAT9841008	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9841007	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9941021	(4x(2x0.14)+4x0.5)C	9.0 6.8
Basic cable				
333 164-xx				
PVC	08	MAT9741008	(4x(2x0.14)+4x0.5)C	8.5 10
PUR O.I.	09	MAT9841009	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9841004	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9941019	(4x(2x0.14)+4x0.5)C	9.0 6.8
Basic cable				
368 330-xx				
PVC	08	MAT9741010	((4x0.14)+2x(2x0.34))C	7.0 10
PUR O.I.	09	MAT9841006	((4x0.14)+2x(2x0.34))C	7.0 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Heidenhain Adapter cables				
Basic cable				
524 599-xx				
PVC	08	MAT9741007	(4x(2x0.14)+4x0.5)C	8.5 10
PUR O.I.	09	MAT9841003	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT9841002	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT9941018	(4x(2x0.14)+4x0.5)C	9.0 6.8
Basic cable				
534 855-xx				
PVC	08	MAT9741009	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT9841005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT9941020	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
Basic cable				
605 424-xx				
PVC	08	MAT9741000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0 10
PUR O.I.	09	MAT9841001	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0 10
PUR M.I.	10	MAT9841000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0 7.5
TPE H*	11	MAT9941000	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.5 6.8
Linking cable				
289 440-xx				
PVC	08	MAT9741002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 10
PUR M.I.	10	MAT94901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 7.5
TPE H*	11	MAT93901005	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0 6.8
298 399-xx				
PUR O.I.	09	MAT9941011	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94905001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93905001	(4x(2x0.14)+4x0.5)C	9.0 6.8
298 400-xx				
PUR O.I.	09	MAT9941012	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94906002	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93906002	(4x(2x0.14)+4x0.5)C	9.0 6.8
309 783-xx				
PUR O.I.	09	MAT9941008	(4x(2x0.14)+4x0.5)C	8.5 10
PUR M.I.	10	MAT94903003	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93903003	(4x(2x0.14)+4x0.5)C	9.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Heidenhain Adapter cables

Linking cable



336 376-xx

PVC	08	MAT9741001	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	10
PUR M.I.	10	MAT94901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	7.5
TPE H*	11	MAT93901004	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

604 419-xx

PUR O.I.	09	MAT9941003	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94901003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93901003	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



298 402-xx

PUR O.I.	09	MAT9941016	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94909001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93909001	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



309 738-xx

PUR O.I.	09	MAT9941007	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94903001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93903001	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



309 774-xx

PUR M.I.	10	MAT94906001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93906001	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



368 172-xx

PVC	08	MAT9741003	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT94903002	(3x(2x0.14)C+2x(0.5)C)C	10.0	7.5
TPE H*	11	MAT93903002	(4x(2x0.14)+(4x0.14)C+4x1.0)C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Heidenhain Adapter cables

Linking cable



309 777-xx

PUR O.I.	09	MAT9941013	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94907001	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93907001	(4x(2x0.14)+4x0.5)C	9.0	6.8

309 778-xx

PUR O.I.	09	MAT9941014	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5	10
PUR M.I.	10	MAT94907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	7.5
TPE H*	11	MAT93907002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	6.8

533 627-xx

PUR O.I.	09	MAT9941004	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94901006	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93901006	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



310 193-xx

PUR M.I.	10	MAT94907003	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT93907003	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

Linking cable



310 197-xx

PUR M.I.	10	MAT94902001	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT93902001	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

310 199-xx

PUR O.I.	09	MAT9941006	(4x(2x0.14)+4x0.5)C	8.5	10
PUR M.I.	10	MAT94902003	(4x(2x0.14)+4x0.5)C	9.0	7.5
TPE H*	11	MAT93902003	(4x(2x0.14)+4x0.5)C	9.0	6.8

Linking cable



323 897-xx

PUR O.I.	09	MAT9941015	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5	10
PUR M.I.	10	MAT94907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	7.5
TPE H*	11	MAT93907004	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Heidenhain Adapter cables				
Linking cable				
324 544-xx				
PUR O.I.	09	MAT9941005	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93902002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
332 115-xx				
PUR O.I.	09	MAT9941001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
Linking cable				
335 077-xx				
PUR M.I.	10	MAT94908001	(4x(2x0.14)+4x0.5)C	9.0 7.5
TPE H*	11	MAT93908001	(4x(2x0.14)+4x0.5)C	9.0 6.8
Linking cable				
354 411-xx				
PUR O.I.	09	MAT9941009	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904001	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
355 398-xx				
PUR O.I.	09	MAT9941010	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93904002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
Linking cable				
360 472-xx				
PUR O.I.	09	MAT9941002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93901002	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8
Linking cable				
309 779-xx				
PUR O.I.	09	MAT99411017	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	10.5 10
PUR M.I.	10	MAT94907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 7.5
TPE H*	11	MAT93907007	(2x(2x(2x0.14)))+(4x0.14)C+(4x0.5)C	11.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Heidenhain

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Heidenhain Adapter cables				
Linking cable				
309 780-xx				
PVC	08	MAT9741004	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT94909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT93909002	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
Linking cable				
354 770-xx				
TPE	12	MAT94910001	((2xAWG28)+2xAWG20)C	5.5 12.5
	12	MAT94910002	((2xAWG24)+2xAWG20)C	6.5 12.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Jetter

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Jetter Motor cables

Basic cable



Cable No. 201

PVC M.I.	01	MAT9761805	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861806	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9851807	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961808	(4G4.0)C	13.0	7.5

Cable No. 203

PVC M.I.	01	MAT9761809	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861810	(4G4.0)C	12.5	10
PUR M.I.	07	MAT9851811	(4G4.0+(2x1.5)C)C	16.0	7.5
TPE F	02	MAT9961812	(4G4.0)C	13.0	7.5

Cable No. 26.1

PVC M.I.	01	MAT9761801	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861802	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861803	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961804	(4G1.5)C	10.0	7.5

Jetter Servo cables

Basic cable



Cable No. 202

PVC M.I.	05	MAT9751806	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9861807	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851808	(4G4.0+(2x1.5)C)C	16.0	7.5

Cable No. 204

PVC M.I.	05	MAT9751810	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9861811	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851812	(4G6.0+(2x1.5)C)C	17.5	7.5

Basic cable



Cable No. 24.1

PVC M.I.	05	MAT9751802	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851803	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851804	(4G1.5+(2x1.5)C)	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Jetter

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Jetter Resolver cables

Basic cable



Cable No. 23

PVC	08	MAT9741801	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841802	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941803	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

Cable No. 423

PVC	08	MAT9741804	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841805	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9941806	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5

Basic cable



Cable No. 523


PVC	14	MAT9741807	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841808	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941809	(5x(2x0.25))C	9.0	6.8

Cable No. 723

PVC	14	MAT9741810	(5x(2x0.25))C	8.5	7.5
PUR	15	MAT9841811	(5x(2x0.25))C	8.5	7.5
TPE H*	16	MAT9941812	(5x(2x0.25))C	9.0	6.8


Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables				
Basic cable				
				
88959 (5m)				
TPE H*	03	MAT9960626	(4G2.5)C	11.5 7.5
88960 (10m)				
TPE H*	03	MAT9960627	(4G2.5)C	11.5 7.5
88962 (15m)				
TPE H*	03	MAT9960628	(4G2.5)C	11.5 7.5
88964 (20m)				
TPE H*	03	MAT9960629	(4G2.5)C	11.5 7.5
88966 (25m)				
TPE H*	03	MAT9960630	(4G2.5)C	11.5 7.5
89918 (5m)				
PVC M.I.	01	MAT9340068	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440068	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960621	(4G1.5)C	10.0 7.5
89952 (10m)				
PVC M.I.	01	MAT9340069	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440069	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960622	(4G1.5)C	10.0 7.5
89953 (15m)				
PVC M.I.	01	MAT9340070	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440070	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960623	(4G1.5)C	10.0 7.5
89954 (20m)				
PVC M.I.	01	MAT9340071	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440071	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960624	(4G1.5)C	10.0 7.5
89956 (25m)				
PVC M.I.	01	MAT9340072	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440072	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960625	(4G1.5)C	10.0 7.5
89959 (5m)				
PVC M.I.	01	MAT9340004	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440004	(4G2.5)C	11.5 7.5
89960 (10m)				
PVC M.I.	01	MAT9340073	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440073	(4G2.5)C	11.5 7.5
89962 (15m)				
PVC M.I.	01	MAT9340074	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440074	(4G2.5)C	11.5 7.5




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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables				
89964 (20m)				
PVC M.I.	01	MAT9340075	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440075	(4G2.5)C	11.5 7.5
89966 (25m)				
PVC M.I.	01	MAT9340076	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440076	(4G2.5)C	11.5 7.5
90083 (5m)				
PVC M.I.	01	MAT9340063	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440063	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960616	(4G1.5)C	10.0 7.5
90084 (10m)				
PVC M.I.	01	MAT9340064	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440064	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960617	(4G1.5)C	10.0 7.5
90085 (15m)				
PVC M.I.	01	MAT9340065	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440065	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960618	(4G1.5)C	10.0 7.5
90086 (20m)				
PVC M.I.	01	MAT9340066	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440066	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960619	(4G1.5)C	10.0 7.5
90087 (25m)				
PVC M.I.	01	MAT9340067	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440067	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960620	(4G1.5)C	10.0 7.5
Basic cable				
				
102575 (5m)				
PVC M.I.	01	MAT9340058	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440058	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960611	(4G1.5)C	10.0 7.5
102576 (10m)				
PVC M.I.	01	MAT9340059	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440059	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960612	(4G1.5)C	10.0 7.5
102806 (15m)				
PVC M.I.	01	MAT9340060	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440060	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960613	(4G1.5)C	10.0 7.5


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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables				
Basic cable				
				
102807 (20m)				
PVC M.I.	01	MAT9340061	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440061	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960614	(4G1.5)C	10.0 7.5
102808 (25m)				
PVC M.I.	01	MAT9340062	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440062	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960615	(4G1.5)C	10.0 7.5
Basic cable				
				
107473 (5m)				
PVC M.I.	01	MAT9340053	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440053	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960606	(4G1.5)C	10.0 7.5
107474 (10m)				
PVC M.I.	01	MAT9340054	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440054	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960607	(4G1.5)C	10.0 7.5
107475 (15m)				
PVC M.I.	01	MAT9340055	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440055	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960608	(4G1.5)C	10.0 7.5
107476 (20m)				
PVC M.I.	01	MAT9340056	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440056	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960609	(4G1.5)C	10.0 7.5
107477 (25m)				
PVC M.I.	01	MAT9340057	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440057	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960610	(4G1.5)C	10.0 7.5
Basic cable				
				
107485 (5m)				
PVC M.I.	01	MAT9340002	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440002	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960601	(4G1.5)C	10.0 7.5


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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables				
107486 (10m)				
PVC M.I.	01	MAT9340049	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440049	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960602	(4G1.5)C	10.0 7.5
107487 (15m)				
PVC M.I.	01	MAT9340050	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440050	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960603	(4G1.5)C	10.0 7.5
107488 (20m)				
PVC M.I.	01	MAT9340051	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440051	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960604	(4G1.5)C	10.0 7.5
107489 (25m)				
PVC M.I.	01	MAT9340052	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440052	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960605	(4G1.5)C	10.0 7.5
Basic cable				
				
200456 (5m)				
PVC M.I.	01	MAT9340077	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440077	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960631	(4G1.5)C	10.0 7.5
200457 (10m)				
PVC M.I.	01	MAT9340078	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440078	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960632	(4G1.5)C	10.0 7.5
200458 (15m)				
PVC M.I.	01	MAT9340079	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440079	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960633	(4G1.5)C	10.0 7.5
200459 (20m)				
PVC M.I.	01	MAT9340080	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440080	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960634	(4G1.5)C	10.0 7.5
200460 (25m)				
PVC M.I.	01	MAT9340081	(4G1.5)C	10.0 7.5
TPE F	02	MAT9440081	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960635	(4G1.5)C	10.0 7.5
200468 (5m)				
PVC M.I.	01	MAT9340082	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440082	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960636	(4G2.5)C	11.5 7.5


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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Motor cables				
Basic cable				
				
200469 (10m)				
PVC M.I.	01	MAT9340083	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440083	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960637	(4G2.5)C	11.5 7.5
200470 (15m)				
PVC M.I.	01	MAT9340084	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440084	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960638	(4G2.5)C	11.5 7.5
200471 (20m)				
PVC M.I.	01	MAT9340085	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440085	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960639	(4G2.5)C	11.5 7.5
200472 (25m)				
PVC M.I.	01	MAT9340086	(4G2.5)C	11.5 7.5
TPE F	02	MAT9440086	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960640	(4G2.5)C	11.5 7.5
200618 (5m)				
PVC M.I.	01	MAT9340087	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440087	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960641	(4G4.0)C	13.0 7.5
200619 (10m)				
PVC M.I.	01	MAT9340088	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440088	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960642	(4G4.0)C	13.0 7.5
200620 (15m)				
PVC M.I.	01	MAT9340089	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440089	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960643	(4G4.0)C	13.0 7.5
200621 (20m)				
PVC M.I.	01	MAT9340090	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440090	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960644	(4G4.0)C	13.0 7.5
200622 (25m)				
PVC M.I.	01	MAT9340091	(4G4.0)C	13.0 7.5
TPE F	02	MAT9440091	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960645	(4G4.0)C	13.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
Basic cable				
				
89957 (5m)				
PVC O.I.	04	MAT9750621	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340024	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850621	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440024	(4G1.5+(2x1.5)C)	13.0 7.5
89961 (10m)				
PVC O.I.	04	MAT9750622	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340025	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850622	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440025	(4G1.5+(2x1.5)C)	13.0 7.5
89963 (15m)				
PVC O.I.	04	MAT9750623	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340026	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850623	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440026	(4G1.5+(2x1.5)C)	13.0 7.5
89965 (20m)				
PVC O.I.	04	MAT9750624	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340027	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850624	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440027	(4G1.5+(2x1.5)C)	13.0 7.5
89967 (25m)				
PVC O.I.	04	MAT9750625	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340028	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850625	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440028	(4G1.5+(2x1.5)C)	13.0 7.5
89968 (5m)				
PVC O.I.	04	MAT9750626	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340029	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850626	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440029	(4G2.5+(2x1.5)C)C	14.5 7.5
89969 (25m)				
PVC O.I.	04	MAT9750630	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340033	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850630	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440033	(4G2.5+(2x1.5)C)C	14.5 7.5
89970 (10m)				
PVC O.I.	04	MAT9750627	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340030	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850627	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440030	(4G2.5+(2x1.5)C)C	14.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
Basic cable				
89971 (15m)				
PVC O.I.	04	MAT9750628	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340031	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850628	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440031	(4G2.5+(2x1.5)C)C	14.5 7.5
89972 (20m)				
PVC O.I.	04	MAT9750629	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340032	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850629	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440032	(4G2.5+(2x1.5)C)C	14.5 7.5
90088 (5m)				
PVC O.I.	04	MAT9750616	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340019	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850616	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440019	(4G1.5+(2x1.5)C)	13.0 7.5
90089 (10m)				
PVC O.I.	04	MAT9750617	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340020	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850617	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440020	(4G1.5+(2x1.5)C)	13.0 7.5
90090 (15m)				
PVC O.I.	04	MAT9750618	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340021	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850618	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440021	(4G1.5+(2x1.5)C)	13.0 7.5
90091 (20m)				
PVC O.I.	04	MAT9750619	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340022	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850619	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440022	(4G1.5+(2x1.5)C)	13.0 7.5
90092 (25m)				
PVC O.I.	04	MAT9750620	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340023	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850620	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440023	(4G1.5+(2x1.5)C)	13.0 7.5



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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
Basic cable				
102579 (5m)				
PVC O.I.	04	MAT9750611	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340014	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850611	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440014	(4G1.5+(2x1.5)C)	13.0 7.5
102580 (10m)				
PVC O.I.	04	MAT9750612	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340015	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850612	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440015	(4G1.5+(2x1.5)C)	13.0 7.5
102809 (15m)				
PVC O.I.	04	MAT9750613	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340016	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850613	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440016	(4G1.5+(2x1.5)C)	13.0 7.5
102810 (20m)				
PVC O.I.	04	MAT9750614	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340017	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850614	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440017	(4G1.5+(2x1.5)C)	13.0 7.5
102811 (25m)				
PVC O.I.	04	MAT9750615	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340018	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850615	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440018	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
107479 (5m)				
PVC O.I.	04	MAT9750606	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340009	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850606	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440009	(4G1.5+(2x1.5)C)	13.0 7.5
107480 (10m)				
PVC O.I.	04	MAT9750607	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340010	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850607	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440010	(4G1.5+(2x1.5)C)	13.0 7.5



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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
Basic cable				
107481 (15m)				
PVC O.I.	04	MAT9750608	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850608	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440011	(4G1.5+(2x1.5)C)	13.0 7.5
107482 (20m)				
PVC O.I.	04	MAT9750609	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340012	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850609	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440012	(4G1.5+(2x1.5)C)	13.0 7.5
107483 (25m)				
PVC O.I.	04	MAT9750610	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340013	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850610	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440013	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
107491 (5m)				
PVC O.I.	04	MAT9750601	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850601	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440001	(4G1.5+(2x1.5)C)	13.0 7.5
107492 (10m)				
PVC O.I.	04	MAT9750602	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340005	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850602	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440005	(4G1.5+(2x1.5)C)	13.0 7.5
107493 (15m)				
PVC O.I.	04	MAT9750603	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340006	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850603	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440006	(4G1.5+(2x1.5)C)	13.0 7.5
107494 (20m)				
PVC O.I.	04	MAT9750604	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340007	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850604	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440007	(4G1.5+(2x1.5)C)	13.0 7.5



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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
107495 (25m)				
PVC O.I.	04	MAT9750605	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340008	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850605	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440008	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
200462 (5m)				
PVC O.I.	04	MAT9750631	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340034	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850631	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440034	(4G1.5+(2x1.5)C)	13.0 7.5
200463 (10m)				
PVC O.I.	04	MAT9750632	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340035	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850632	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440035	(4G1.5+(2x1.5)C)	13.0 7.5
200464 (15m)				
PVC O.I.	04	MAT9750633	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340036	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850633	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440036	(4G1.5+(2x1.5)C)	13.0 7.5
200465 (20m)				
PVC O.I.	04	MAT9750634	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340037	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850634	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440037	(4G1.5+(2x1.5)C)	13.0 7.5
200466 (25m)				
PVC O.I.	04	MAT9750635	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9340038	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9850635	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9440038	(4G1.5+(2x1.5)C)	13.0 7.5
200474 (5m)				
PVC O.I.	04	MAT9750636	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340039	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850636	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440039	(4G2.5+(2x1.5)C)C	14.5 7.5
200475 (10m)				
PVC O.I.	04	MAT9750637	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340040	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850637	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440040	(4G2.5+(2x1.5)C)C	14.5 7.5




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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Servo cables				
Basic cable				
				
200476 (15m)				
PVC O.I.	04	MAT9750638	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340041	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850638	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440041	(4G2.5+(2x1.5)C)C	14.5 7.5
200477 (20m)				
PVC O.I.	04	MAT9750639	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340042	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850639	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440042	(4G2.5+(2x1.5)C)C	14.5 7.5
200478 (25m)				
PVC O.I.	04	MAT9750640	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9340043	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9850640	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9440043	(4G2.5+(2x1.5)C)C	14.5 7.5
200623 (5m)				
PVC O.I.	04	MAT9750641	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340044	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850641	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440044	(4G4.0+(2x1.5)C)C	16.0 7.5
200624 (10m)				
PVC O.I.	04	MAT9750642	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340045	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850642	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440045	(4G4.0+(2x1.5)C)C	16.0 7.5
200625 (15m)				
PVC O.I.	04	MAT9750643	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340046	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850643	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440046	(4G4.0+(2x1.5)C)C	16.0 7.5
200626 (20m)				
PVC O.I.	04	MAT9750644	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340047	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850644	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440047	(4G4.0+(2x1.5)C)C	16.0 7.5
200627 (25m)				
PVC O.I.	04	MAT9750645	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9340048	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9850645	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9440048	(4G4.0+(2x1.5)C)C	16.0 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Signal cables				
Basic cable				
				
84972 (5m)				
PVC	14	MAT9320001	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840601	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330001	(4x(2x0.25))C	8.5 6.8
84973 (10m)				
PVC	14	MAT9320009	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840602	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330009	(4x(2x0.25))C	8.5 6.8
84974 (15m)				
PVC	14	MAT9320010	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840603	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330010	(4x(2x0.25))C	8.5 6.8
84975 (20m)				
PVC	14	MAT9320011	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840604	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330011	(4x(2x0.25))C	8.5 6.8
87655 (25m)				
PVC	14	MAT9320012	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9840605	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9330012	(4x(2x0.25))C	8.5 6.8
90287 (5m)				
PVC	14	MAT9320002	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330002	(8x(2x0.34))C	13.0 6.8
91019 (10m)				
PVC	14	MAT9320013	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330013	(8x(2x0.34))C	13.0 6.8
91807 (20m)				
PVC	14	MAT9320015	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330015	(8x(2x0.34))C	13.0 6.8
91811 (15m)				
PVC	14	MAT9320014	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330014	(8x(2x0.34))C	13.0 6.8
92205 (25m)				
PVC	14	MAT9320016	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330016	(8x(2x0.34))C	13.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Signal cables				
Basic cable				
107915 (5m)				
PVC	14	MAT9320004	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330004	(8x(2x0.34))C	13.0 6.8
107916 (10m)				
PVC	14	MAT9320017	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330017	(8x(2x0.34))C	13.0 6.8
107917 (15m)				
PVC	14	MAT9320018	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330018	(8x(2x0.34))C	13.0 6.8
107918 (20m)				
PVC	14	MAT9320019	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330019	(8x(2x0.34))C	13.0 6.8
107919 (25m)				
PVC	14	MAT9320020	(8x(2x0.25))C	10.5 7.5
TPE H*	16	MAT9330020	(8x(2x0.34))C	13.0 6.8

**Basic cable**

85034 (5m)				
PVC	14	MAT9320007	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840606	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330007	(6x(2x0.25))C	10.0 6.8
85035 (10m)				
PVC	14	MAT9320021	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840607	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330021	(6x(2x0.25))C	10.0 6.8
85036 (15m)				
PVC	14	MAT9320022	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840608	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330022	(6x(2x0.25))C	10.0 6.8
85037 (20m)				
PVC	14	MAT9320023	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840609	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330023	(6x(2x0.25))C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Kollmorgen/Danaher Motion Signal cables				
Basic cable				
85039 (5m)				
PVC	14	MAT9320008	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840610	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330008	(6x(2x0.25))C	10.0 6.8
85040 (10m)				
PVC	14	MAT9320024	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840611	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330024	(6x(2x0.25))C	10.0 6.8
85041 (15m)				
PVC	14	MAT9320025	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840612	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330025	(6x(2x0.25))C	10.0 6.8
85042 (20m)				
PVC	14	MAT9320026	(6x(2x0.25))C	9.0 7.5
PUR	15	MAT9840613	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9330026	(6x(2x0.25))C	10.0 6.8



Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
Basic cable				
EWLMxxxGMS-015C				
PVC O.I.	04	MAT9751101	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851101	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120001	(4G1.5+(2x1.5)C)	13.0 7.5
EWLMxxxGMS-025				
PVC O.I.	04	MAT9751102	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130002	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851102	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120002	(4G2.5+(2x1.5)C)C	14.5 7.5
EWLMxxxGMS-040I				
PVC O.I.	04	MAT9751130	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751129	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851130	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851129	(4G4.0+(2x1.5)C)C	16.0 7.5
EYP0010AxxxxA00P01				
PVC O.I.	04	MAT9751116	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130063	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851118	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120063	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0010AxxxxM01A00				
PVC O.I.	04	MAT9751107	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130050	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851105	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120050	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0011AxxxxA00P01				
PVC O.I.	04	MAT9751117	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130064	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851119	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120064	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0011AxxxxM01A00				
PVC O.I.	04	MAT9751108	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130051	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851106	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120051	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0012AxxxxA00P01				
PVC O.I.	04	MAT9751118	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130065	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851120	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120065	(4G2.5+(2x1.5)C)C	14.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
EYP0012AxxxxA00P02				
PVC O.I.	04	MAT9751113	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130058	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851113	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120058	(4G2.5+(2x1.5)C)C	14.5 7.5
EYP0012AxxxxM01A00				
PVC O.I.	04	MAT9751109	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130052	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851107	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120052	(4G2.5+(2x1.5)C)C	14.5 7.5
EYP0012AxxxxM02A00				
PVC O.I.	04	MAT9751110	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130053	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851108	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120053	(4G2.5+(2x1.5)C)C	14.5 7.5
EYP0013AxxxxA00P02				
PVC O.I.	04	MAT9751114	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130059	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851114	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120059	(4G4.0+(2x1.5)C)C	16.0 7.5
EYP0013AxxxxM02A00				
PVC O.I.	04	MAT9751111	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130054	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851109	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120054	(4G4.0+(2x1.5)C)C	16.0 7.5
EYP0014AxxxxA00P03				
PVC O.I.	04	MAT9751115	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130060	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851115	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9120060	(4G6.0+(2x1.5)C)C	17.5 7.5
EYP0014AxxxxM03A00				
PVC O.I.	04	MAT9751112	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130055	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851110	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9120055	(4G6.0+(2x1.5)C)C	17.5 7.5
EYP0015AxxxxA00P03				
PVC M.I.	05	MAT9130061	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851116	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120061	(4G10+(2x1.5)C)C	21.0 7.5
EYP0015AxxxxM03A00				
PVC M.I.	05	MAT9130056	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851111	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120056	(4G10+(2x1.5)C)C	21.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
Basic cable				
EYP0016AxxxxA00P03				
PVC M.I.	05	MAT9130062	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851117	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120062	(4G16+(2x1.5)C)C	24.0 7.5
EYP0016AxxxxM03A00				
PVC M.I.	05	MAT9130057	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851112	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120057	(4G16+(2x1.5)C)C	24.0 7.5
Linking cable				
EWLMxxxZM-015C				
PVC O.I.	04	MAT9751103	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130006	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851103	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120006	(4G1.5+(2x1.5)C)	13.0 7.5
EWLMxxxZM-025				
PVC O.I.	04	MAT9751104	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130007	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851104	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120007	(4G2.5+(2x1.5)C)C	14.5 7.5
EYP0010VxxxxM01P01				
PVC O.I.	04	MAT9751122	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130071	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851126	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120071	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0011VxxxxM01P01				
PVC O.I.	04	MAT9751123	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9130072	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851127	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9120072	(4G1.5+(2x1.5)C)	13.0 7.5
EYP0012VxxxxM01P01				
PVC O.I.	04	MAT9751124	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130073	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851128	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120073	(4G2.5+(2x1.5)C)C	14.5 7.5
EYP0012VxxxxM02P02				
PVC O.I.	04	MAT9751119	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9130066	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851121	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9120066	(4G2.5+(2x1.5)C)C	14.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Servo cables				
EYP0013VxxxxM02P02				
PVC O.I.	04	MAT9751120	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9130067	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851122	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9120067	(4G4.0+(2x1.5)C)C	16.0 7.5
EYP0014VxxxxM03P03				
PVC O.I.	04	MAT9751121	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9130068	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851123	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9120068	(4G6.0+(2x1.5)C)C	17.5 7.5
EYP0015VxxxxM03P03				
PVC M.I.	05	MAT9130069	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851124	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9120069	(4G10+(2x1.5)C)C	21.0 7.5
EYP0016VxxxxM03P03				
PVC M.I.	05	MAT9130070	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851125	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9120070	(4G16+(2x1.5)C)C	24.0 7.5

Lenze Fan cables

Basic cable

EWLLxxxGMS				
PVC	17	MAT9761101	3G1.0	6.5 7.5
PVC, oil-res.	19	MAT9130031	3G1.0	6.5 6.8
TPE H*	23	MAT9120031	3G1.0	6.0 5
TPE F	25	MAT9961101	3G1.0	6.5 5
EYL002AxxxxL01A00				
PVC, oil-res.	19	MAT9130040	5G1.0	8.0 6.8
TPE H*	23	MAT9120040	5G1.0	7.5 5
EYL002AxxxxL02A00				
PVC, oil-res.	19	MAT9130041	5G1.0	8.0 6.8
TPE H*	23	MAT9120041	5G1.0	7.5 5

Linking cable

EWLLxxxZM				
PVC	17	MAT9761102	3G1.0	6.5 7.5
PVC, oil-res.	19	MAT9130032	3G1.0	6.5 6.8
TPE H*	23	MAT9120032	3G1.0	6.0 5
TPE F	25	MAT9961102	3G1.0	6.5 5
EYL002VxxxxL01J01				
PVC, oil-res.	19	MAT9130044	5G1.0	8.0 6.8
TPE H*	23	MAT9120044	5G1.0	7.5 5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Lenze Fan cables

Linking cable



EYL002VxxxxL02J02

PVC, oil-res.	19	MAT9130045	5G1.0	8.0	6.8
TPE H*	23	MAT9120045	5G1.0	7.5	5

Extension cable



EYL002VxxxxA00J01

PVC, oil-res.	19	MAT9130042	5G1.0	8.0	6.8
TPE H*	23	MAT9120042	5G1.0	7.5	5

EYL002VxxxxA00J02

PVC, oil-res.	19	MAT9130043	5G1.0	8.0	6.8
PUR	21	MAT9861110	5G1.0	8.0	6.8
TPE H*	23	MAT9120043	5G1.0	7.5	5
TPE F	25	MAT9961106	5G1.0	9.0	5

Lenze Decoder cables

Linking cable



EYD0017AxxxxW01S01

PVC	08	MAT9130100	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841107	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120100	3x(2x0.14)C+(3x0.14)C	8.0	6.8

EYD0017AxxxxW01S02

PVC	08	MAT9130101	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841108	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120101	3x(2x0.14)C+(3x0.14)C	8.0	6.8

EYD0017AxxxxW03S01

PVC	08	MAT9130102	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841109	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120102	3x(2x0.14)C+(3x0.14)C	8.0	6.8

EYD0017AxxxxW03S02

PVC	08	MAT9130103	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9841110	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120103	3x(2x0.14)C+(3x0.14)C	8.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Lenze Encoder cables

Basic cable



EWLExxxGM-T

PVC	08	MAT9130026	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841104	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120026	(4x(2x0.25)+2x1.0)C	9.0	6.8

Linking cable



EWLExxxZMST

PVC	08	MAT9130027	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841105	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120027	(4x(2x0.25)+2x1.0)C	9.0	6.8

Terminal box connection cable



EWLExxxGX-T

PVC	08	MAT9130028	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9841106	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9120028	(4x(2x0.25)+2x1.0)C	9.0	6.8

Lenze Feedback cables

Basic cable



EYF0017AxxxxA00W02

PUR M.I.	10	MAT9121091	4x(2x0.14)C+2x(1.0)C	9.5	7.5
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Basic cable



EYF0018AxxxxA00S03

PVC	08	MAT9130095	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	10	MAT9121095	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	11	MAT9120095	4x(2x0.14)C+2x(1.0)C	9.5	6.8

Basic cable



EYF0018AxxxxA00W02

PVC	08	MAT9130091	4x(2x0.14)C+2x(1.0)C	9.5	10
TPE H*	11	MAT9120091	4x(2x0.14)C+2x(1.0)C	9.5	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Feedback cables				
Basic cable				
EYF0018AxxxxF02S03				
PVC	08	MAT9130088	4x(2x0.14)C+2x(1.0)C	9.5 10
TPE H*	11	MAT9120088	4x(2x0.14)C+2x(1.0)C	9.5 6.8
Basic cable				
EYF0018AxxxxF02W02				
PVC	08	MAT9130087	4x(2x0.14)C+2x(1.0)C	9.5 10
PUR M.I.	10	MAT9121087	4x(2x0.14)C+2x(1.0)C	9.5 7.5
TPE H*	11	MAT9120087	4x(2x0.14)C+2x(1.0)C	9.5 6.8
Basic cable				
EYF0019AxxxxF02S03				
PUR M.I.	10	MAT9121088	4x(2x0.14)C+2x(1.0)C	9.5 7.5
Basic cable				
EYF0020AxxxxA00S04				
PVC	08	MAT9130092	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121092	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120092	3x(2x0.14)C+(3x0.14)C	8.0 6.8
Basic cable				
EYF0020AxxxxA00S05				
PVC	08	MAT9130093	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121093	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120093	3x(2x0.14)C+(3x0.14)C	8.0 6.8
Basic cable				
EYF0020AxxxxF01S04				
PVC	08	MAT9130089	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121089	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120089	3x(2x0.14)C+(3x0.14)C	8.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Lenze Feedback cables				
Basic cable				
EYF0020AxxxxF01S05				
PVC	08	MAT9130090	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121090	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120090	3x(2x0.14)C+(3x0.14)C	8.0 6.8
Basic cable				
EYF0021AxxxxA00S03				
PUR M.I.	10	MAT9121094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8
Basic cable				
EYF0021AxxxxF03S03				
PUR M.I.	10	MAT9121086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8
Basic cable				
EYF0021AxxxxF07S03				
PUR M.I.	10	MAT9841111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9941111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8
Linking cable				
EYF0019VxxxxF02G02				
PVC	08	MAT9130084	4x(2x0.14)C+2x(1.0)C	9.5 10
PUR M.I.	10	MAT9121084	4x(2x0.14)C+2x(1.0)C	9.5 7.5
TPE H*	11	MAT9120084	4x(2x0.14)C+2x(1.0)C	9.5 6.8
Basic cable				
EYF0019VxxxxF06G07				
PUR M.I.	10	MAT9121096	4x(2x0.14)C+2x(1.0)C	9.5 7.5
TPE H*	11	MAT9120096	4x(2x0.14)C+2x(1.0)C	9.5 6.8
Basic cable				
EYF0020VxxxxF01G01				
PVC	08	MAT9130083	3x(2x0.14)C+(3x0.14)C	8.0 10
PUR M.I.	10	MAT9121083	3x(2x0.14)C+(3x0.14)C	8.5 7.5
TPE H*	11	MAT9120083	3x(2x0.14)C+(3x0.14)C	8.0 6.8
Linking cable				
EYF0022VxxxxF03G03				
PUR M.I.	10	MAT9121085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5 7.5
TPE H*	11	MAT9120085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Lenze Feedback cables

Extension cable



EYF0019VxxxxA00G02

PVC	08	MAT9130081	4x(2x0.14)C+2x(1.0)C	9.5	10
PUR M.I.	10	MAT9121081	4x(2x0.14)C+2x(1.0)C	9.5	7.5
TPE H*	11	MAT9120081	4x(2x0.14)C+2x(1.0)C	9.5	6.8

EYF0020VxxxxA00G01

PVC	08	MAT9130080	3x(2x0.14)C+(3x0.14)C	8.0	10
PUR M.I.	10	MAT9121080	3x(2x0.14)C+(3x0.14)C	8.5	7.5
TPE H*	11	MAT9120080	3x(2x0.14)C+(3x0.14)C	8.0	6.8

EYF0022VxxxxA00G03

PUR M.I.	10	MAT9121082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5
TPE H*	11	MAT9120082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.0	6.8

Lenze Resolver cables

Basic cable



EWLRxxxGM-T

PVC	08	MAT9130021	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841101	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120021	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

Linking cable



EWLRxxxZMST

PVC	08	MAT9130022	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841102	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120022	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

Terminal box connection cable



EWLRxxxGX-T

PVC	08	MAT9130023	(3x(2x0.14)C+2x(0.5)C)C	9.5	10
PUR M.I.	10	MAT9841103	(3x(2x0.14)C+(2x0.5)C)C	10.0	7.5
TPE H*	11	MAT9120023	(3x(2x0.14)C+(2x0.5)C)C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | LinMot

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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LinMot Motor cables

Basic cable



P10-70x...-D01/D02-MS

PVC M.I.	01	MAT9762401	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9862401	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9862402	(4G1.5)C	11.0	7.5

LinMot Servo cables

Basic cable



P10-70x...-D03-MS

PVC O.I.	04	MAT9752401	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9752402	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9852402	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9852401	(4G1.5+(2x1.5)C)	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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LTI DRIVES Servo cables

Basic cable



KM3-KSxxx

PVC O.I.	04	MAT9020004	(4G1.5+2x(2x0.75)C)C	13.5	10
PVC M.I.	05	MAT9020003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
PUR O.I.	06	MAT9020002	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9020001	(4G1.5+2x(2x0.75)C)C	14.5	7.5

KM3-KSxxx-24A

PVC O.I.	04	MAT9020014	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9020013	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9020012	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9020011	(4G2.5+2x(2x1.5)C)C	16.0	7.5

Basic cable



KM3-KSxxx-63A

PVC M.I.	05	MAT9020023	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9020022	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9020021	(4G10+2x(2x1.5)C)C	22.5	7.5

Extension cable



KM3-KSxxx (ext.)

PVC O.I.	04	MAT9022004	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR O.I.	06	MAT9022002	(4G1.5+2x(2x0.75)C)C	13.5	10
PUR M.I.	07	MAT9022001	(4G1.5+2x(2x0.75)C)C	14.5	7.5

KM3-KSxxx (ext.)

PVC M.I.	05	MAT9022003	(4G1.5+2x(2x0.75)C)C	14.5	7.5
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KM3-KSxxx-24A (ext.)

PVC O.I.	04	MAT9022014	(4G2.5+2x(2x1.5)C)C	16.0	10
PVC M.I.	05	MAT9022013	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9022012	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9022011	(4G2.5+2x(2x1.5)C)C	16.0	7.5

Extension cable



KM3-KSxxx-63A (ext.)

PVC M.I.	05	MAT9022023	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR M.I.	07	MAT9022021	(4G10+2x(2x1.5)C)C	22.5	7.5

KM3-KSxxx-63A (ext.)

PUR O.I.	06	MAT9022022	(4G10+2x(2x1.5)C)C	22.5	10
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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LTI DRIVES Encoder cables

Basic cable



KGH2-KSxxx

PVC	08	MAT9021004	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9021001	(4x(2x0.25)+2x1.0)C	9.0	6.8

KGH3-KSxxx

PVC	08	MAT9021014	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9021011	(4x(2x0.25)+2x1.0)C	9.0	6.8

KGS2-KSxxx

PUR O.I.	09	MAT9021023	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9021022	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	MAT9021021	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	6.8

KRY2-CDF-KSxxx

PVC	08	MAT9021034	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9021032	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9021031	(4x(2x0.25)+2x0.5)C	8.5	6.8

KRY2-KSxxx

PVC	08	MAT9021044	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9021042	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9021041	(4x(2x0.25)+2x0.5)C	8.5	6.8

Extension cable



KGH2-KSxxx (ext.)

PVC	08	MAT9023004	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9023001	(4x(2x0.25)+2x1.0)C	9.0	6.8

KGH3-KSxxx (ext.)

PVC	08	MAT9023014	(4x(2x0.25)+2x1.0)C	8.5	10
TPE H*	11	MAT9023011	(4x(2x0.25)+2x1.0)C	9.0	6.8

KGS2-KSxxx (ext.)

PUR O.I.	09	MAT9023023	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	10.5	10
PUR M.I.	10	MAT9023022	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	7.5
TPE H*	11	MAT9023021	(2x(2x(2x0.14))+(4x0.14)C+(4x0.5))C	11.0	6.8

KRY2-CDF-KSxxx (ext.)

PVC	08	MAT9023034	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9023032	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9023031	(4x(2x0.25)+2x0.5)C	8.5	6.8

KRY2-KSxxx (ext.)

PVC	08	MAT9023044	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9023042	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9023041	(4x(2x0.25)+2x0.5)C	8.5	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Mitsubishi Electric Motor cables				
Basic cable				
MR-BKS1CBL-xxx-A1-H				
PVC, oil-res.	19	MAT9712002	3G0.75	6.5 6.8
PUR	21	MAT9812002	3G0.75	6.5 6.8
MR-BKS1CBL-xxx-A2-H				
PVC, oil-res.	19	MAT9712004	3G0.75	6.5 6.8
PUR	21	MAT9812004	3G0.75	6.5 6.8
Basic cable				
MR-PWS1CBL-xxx-A1-H				
PVC, oil-res.	19	MAT9712001	4G0.75	7.0 6.8
PUR	21	MAT9812001	4G0.75	7.0 6.8
MR-PWS1CBL-xxx-A2-H				
PVC, oil-res.	19	MAT9712003	4G0.75	7.0 6.8
PUR	21	MAT9812003	4G0.75	7.0 6.8
Basic cable				
PCS015N-xxx-0-0C4				
PVC M.I.	01	MAT9752002	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9852002	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9952002	(4G1.5)C	11.0 7.5
PCS025N-xxx-0-0C5				
PVC M.I.	01	MAT9752003	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9852003	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9952003	(4G2.5)C	12.5 7.5
PCS025N-xxx-C4				
PVC O.I.	04	MAT9752001	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852001	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9952001	(4G2.5)C	12.5 7.5
PCS040N-xxx-0-0C4				
PVC M.I.	01	MAT9752004	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9852004	(4G4.0)C	12.5 10
TPE F	02	MAT9952004	(4G4.0)C	13.0 7.5
PCS040N-xxx-0-0C5				
PVC M.I.	01	MAT9752005	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9852005	(4G4.0)C	12.5 10
TPE F	02	MAT9952005	(4G4.0)C	13.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Mitsubishi Electric Motor cables				
PCS060N-xxx-0-0C5				
PVC M.I.	01	MAT9752006	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9852006	(4G6.0)C	14.5 10
TPE F	02	MAT9952006	(4G6.0)C	16.0 7.5
Mitsubishi Electric Encoder cables				
Basic cable				
MR-J3ENCBL-xxx-A1-H				
PVC	14	MAT9722002	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822002	(3x(2x0.25))C	7.0 7.5
MR-J3ENCBL-xxx-A2-H				
PVC	14	MAT9722003	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822003	(3x(2x0.25))C	7.0 7.5
Basic cable				
MR-J3ENSCBL-xxx-H				
PVC	14	MAT9722001	(3x(2x0.25))C	7.0 7.5
PUR	15	MAT9822001	(3x(2x0.25))C	7.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Nidec/Control Techniques Motor cables

Basic cable



PS B A A A XXX				
PVC M.I.	01	MAT9560002	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540002	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960502	(4G2.5)C	11.5 7.5
PS B A F A XXX				
PVC M.I.	01	MAT9560005	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540005	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960505	(4G2.5)C	11.5 7.5
PS B B A A XXX				
PVC M.I.	01	MAT9560003	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540003	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960503	(4G4.0)C	13.0 7.5
PS B B F A XXX				
PVC M.I.	01	MAT9560006	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540006	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960506	(4G4.0)C	13.0 7.5
PS B G A A XXX				
PVC M.I.	01	MAT9560001	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540001	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960501	(4G1.5)C	10.0 7.5
PS B G F A XXX				
PVC M.I.	01	MAT9560004	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540004	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960504	(4G1.5)C	10.0 7.5

Basic cable



PS B A A B XXX				
PVC M.I.	01	MAT9560008	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540008	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960508	(4G2.5)C	11.5 7.5
PS B A B B XXX				
PVC M.I.	01	MAT9560020	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540020	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960520	(4G2.5)C	11.5 7.5
PS B A F B XXX				
PVC M.I.	01	MAT9560014	(4G2.5)C	11.5 7.5
TPE F	02	MAT9540014	(4G2.5)C	11.5 7.5
TPE H*	03	MAT9960514	(4G2.5)C	11.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Nidec/Control Techniques Motor cables

PS B B A B XXX				
PVC M.I.	01	MAT9560009	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540009	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960509	(4G4.0)C	13.0 7.5
PS B B B B XXX				
PVC M.I.	01	MAT9560021	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540021	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960521	(4G4.0)C	13.0 7.5
PS B B F B XXX				
PVC M.I.	01	MAT9560015	(4G4.0)C	13.0 7.5
TPE F	02	MAT9540015	(4G4.0)C	13.0 7.5
TPE H*	03	MAT9960515	(4G4.0)C	13.0 7.5

Basic cable



PS B C A B XXX				
PVC M.I.	01	MAT9560010	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540010	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960510	(4G6.0)C	16.0 7.5
PS B C B B XXX				
PVC M.I.	01	MAT9560022	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540022	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960522	(4G6.0)C	16.0 7.5
PS B C F B XXX				
PVC M.I.	01	MAT9560016	(4G6.0)C	16.0 7.5
TPE F	02	MAT9540016	(4G6.0)C	16.0 7.5
TPE H*	03	MAT9960516	(4G6.0)C	16.0 7.5
PS B D A B XXX				
PVC M.I.	01	MAT9560011	(4G10)C	18.5 7.5
TPE F	02	MAT9540011	(4G10)C	18.5 7.5
TPE H*	03	MAT9960511	(4G10)C	18.5 7.5
PS B D B B XXX				
PVC M.I.	01	MAT9560023	(4G10)C	18.5 7.5
TPE F	02	MAT9540023	(4G10)C	18.5 7.5
TPE H*	03	MAT9960523	(4G10)C	18.5 7.5
PS B D F B XXX				
PVC M.I.	01	MAT9560017	(4G10)C	18.5 7.5
TPE F	02	MAT9540017	(4G10)C	18.5 7.5
TPE H*	03	MAT9960517	(4G10)C	18.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Nidec/Control Techniques Motor cables				
Basic cable				
PS B E A B XXX				
PVC M.I.	01	MAT9560012	(4G16)C	23.0 7.5
TPE F	02	MAT9540012	(4G16)C	23.0 7.5
TPE H*	03	MAT9960512	(4G16)C	23.0 7.5
PS B E B B XXX				
PVC M.I.	01	MAT9560024	(4G16)C	23.0 7.5
TPE F	02	MAT9540024	(4G16)C	23.0 7.5
TPE H*	03	MAT9960524	(4G16)C	23.0 7.5
PS B E F B XXX				
PVC M.I.	01	MAT9560018	(4G16)C	23.0 7.5
TPE F	02	MAT9540018	(4G16)C	23.0 7.5
TPE H*	03	MAT9960518	(4G16)C	23.0 7.5
PS B G A B XXX				
PVC M.I.	01	MAT9560007	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540007	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960507	(4G1.5)C	10.0 7.5
PS B G B B XXX				
PVC M.I.	01	MAT9560019	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540019	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960519	(4G1.5)C	10.0 7.5
PS B G F B XXX				
PVC M.I.	01	MAT9560013	(4G1.5)C	10.0 7.5
TPE F	02	MAT9540013	(4G1.5)C	10.0 7.5
TPE H*	03	MAT9960513	(4G1.5)C	10.0 7.5



Nidec/Control Techniques Servo cables

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Basic cable				
PB B A A A XXX				
PVC O.I.	04	MAT9750502	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560041	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540041	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B A F A XXX				
PVC O.I.	04	MAT9750505	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560044	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540044	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B B A A XXX				
PVC O.I.	04	MAT9750503	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560042	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540042	(4G4.0+(2x1.5)C)C	16.0 7.5



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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Nidec/Control Techniques Servo cables				
PB B B F A XXX				
PVC O.I.	04	MAT9750506	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560045	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540045	(4G4.0+(2x1.5)C)C	16.0 7.5
PB B G A A XXX				
PVC O.I.	04	MAT9750501	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560040	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540040	(4G1.5+(2x1.5)C)	13.0 7.5
PB B G F A XXX				
PVC O.I.	04	MAT9750504	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560043	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540043	(4G1.5+(2x1.5)C)	13.0 7.5



Basic cable				
PB B A A B XXX				
PVC O.I.	04	MAT9750508	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560047	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540047	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B A B B XXX				
PVC O.I.	04	MAT9750516	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560059	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540059	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B A F B XXX				
PVC O.I.	04	MAT9750512	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560053	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540053	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B A G B XXX				
PVC O.I.	04	MAT9750520	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9560065	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9540065	(4G2.5+(2x1.5)C)C	14.5 7.5
PB B B A B XXX				
PVC O.I.	04	MAT9750509	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560048	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540048	(4G4.0+(2x1.5)C)C	16.0 7.5
PB B B B B XXX				
PVC O.I.	04	MAT9750517	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560060	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540060	(4G4.0+(2x1.5)C)C	16.0 7.5
PB B B F B XXX				
PVC O.I.	04	MAT9750513	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560054	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540054	(4G4.0+(2x1.5)C)C	16.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Nidec/Control Techniques Servo cables				
Basic cable				
				
PB B B G B XXX				
PVC O.I.	04	MAT9750521	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9560066	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR M.I.	07	MAT9540066	(4G4.0+(2x1.5)C)C	16.0 7.5
PB B C A B XXX				
PVC O.I.	04	MAT9750510	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560049	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540049	(4G6.0+(2x1.5)C)C	17.5 7.5
PB B C B B XXX				
PVC O.I.	04	MAT9750518	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560061	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540061	(4G6.0+(2x1.5)C)C	17.5 7.5
PB B C F B XXX				
PVC O.I.	04	MAT9750514	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560055	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540055	(4G6.0+(2x1.5)C)C	17.5 7.5
PB B C G B XXX				
PVC O.I.	04	MAT9750522	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9560067	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR M.I.	07	MAT9540067	(4G6.0+(2x1.5)C)C	17.5 7.5
PB B D A B XXX				
PVC M.I.	05	MAT9560050	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540050	(4G10+(2x1.5)C)C	21.0 7.5
PB B D B B XXX				
PVC M.I.	05	MAT9560062	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540062	(4G10+(2x1.5)C)C	21.0 7.5
PB B D F B XXX				
PVC M.I.	05	MAT9560056	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540056	(4G10+(2x1.5)C)C	21.0 7.5
PB B D G B XXX				
PVC M.I.	05	MAT9560068	(4G10+(2x1.5)C)C	21.5 7.5
PUR M.I.	07	MAT9540068	(4G10+(2x1.5)C)C	21.0 7.5
PB B E A B XXX				
PVC M.I.	05	MAT9560051	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540051	(4G16+(2x1.5)C)C	24.0 7.5
PB B E B B XXX				
PVC M.I.	05	MAT9560063	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540063	(4G16+(2x1.5)C)C	24.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Nidec/Control Techniques Servo cables				
PB B E F B XXX				
PVC M.I.	05	MAT9560057	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540057	(4G16+(2x1.5)C)C	24.0 7.5
PB B E G B XXX				
PVC M.I.	05	MAT9560069	(4G16+(2x1.5)C)C	25.0 7.5
PUR M.I.	07	MAT9540069	(4G16+(2x1.5)C)C	24.0 7.5
PB B G A B XXX				
PVC O.I.	04	MAT9750507	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560046	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540046	(4G1.5+(2x1.5)C)	13.0 7.5
PB B G B B XXX				
PVC O.I.	04	MAT9750515	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560058	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540058	(4G1.5+(2x1.5)C)	13.0 7.5
PB B G F B XXX				
PVC O.I.	04	MAT9750511	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560052	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540052	(4G1.5+(2x1.5)C)	13.0 7.5
PB B G G B XXX				
PVC O.I.	04	MAT9750519	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9560064	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9540064	(4G1.5+(2x1.5)C)	13.0 7.5
Nidec/Control Techniques Encoder cables				
Basic cable				
				
SS B A H C XXX				
PVC	08	MAT9560100	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9840501	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9540100	(4x(2x0.34)+4x0.5)C	10.0 6.8
SS B A H H XXX				
PVC	08	MAT9560101	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9840502	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9540101	(4x(2x0.34)+4x0.5)C	10.0 6.8
SS B A H N XXX				
PVC	08	MAT9560104	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9840505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9540104	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | NUM

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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NUM Power cables

Basic cable



AGOFRU018LMxxx

PVC M.I.	01	MAT9280051	(4G1.5)C	10.0	7.5
TPE F	02	MAT9282051	(4G1.5)C	10.0	7.5
TPE H*	03	MAT9961201	(4G1.5)C	10.0	7.5

AGOFRU019LMxxx

PVC M.I.	01	MAT9280052	(4G4.0)C	13.0	7.5
TPE F	02	MAT9282052	(4G4.0)C	13.0	7.5
TPE H*	03	MAT9961202	(4G4.0)C	13.0	7.5

Extension cable



AGOFRU018LMxxx (ext.)

PVC M.I.	01	MAT9280061	(4G1.5)C	10.0	7.5
TPE H*	03	MAT9961203	(4G1.5)C	10.0	7.5

AGOFRU018LMxxx (ext.)

TPE F	02	MAT9282061	(4G1.5)C	10.0	7.5
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AGOFRU019LMxxx (ext.)

PVC M.I.	01	MAT9280062	(4G4.0)C	13.0	7.5
TPE F	02	MAT9282062	(4G4.0)C	13.0	7.5
TPE H*	03	MAT9961204	(4G4.0)C	13.0	7.5

NUM Servo cables

Basic cable



AGOFRU018Mxxx

PVC M.I.	05	MAT9280001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR M.I.	07	MAT9282001	(4G1.5+(2x1.5)C)	13.0	7.5

AGOFRU019Mxxx

PVC M.I.	05	MAT9280002	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR M.I.	07	MAT9282002	(4G4.0+(2x1.5)C)C	16.0	7.5

Basic cable



AGOFRU020Mxxx

PVC M.I.	05	MAT9280003	(4G10+(2x1.5)C)C	21.5	7.5
PUR M.I.	07	MAT9282003	(4G10+(2x1.5)C)C	21.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | NUM

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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NUM Servo cables

Extension cable



AGOFRU018Mxxx (ext.)

PVC M.I.	05	MAT9280011	(4G1.5+(2x1.5)C)	13.0	7.5
PUR M.I.	07	MAT9282011	(4G1.5+(2x1.5)C)	13.0	7.5

AGOFRU019Mxxx (ext.)

PVC M.I.	05	MAT9280012	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR M.I.	07	MAT9282012	(4G4.0+(2x1.5)C)C	16.0	7.5

Extension cable



AGOFRU020Mxxx (ext.)

PVC M.I.	05	MAT9280013	(4G10+(2x1.5)C)C	21.5	7.5
PUR M.I.	07	MAT9282013	(4G10+(2x1.5)C)C	21.0	7.5

NUM Fan cables

Basic cable



AGOFRU012Mxxx

PVC	17	MAT9289005	4G1.0	7.0	7.5
TPE H*	23	MAT9289007	4G1.0	6.5	5

Extension cable



AGOFRU012Mxxx (ext.)

PVC	17	MAT9289015	4G1.0	7.0	7.5
TPE H*	23	MAT9289017	4G1.0	6.5	5

NUM Encoder cables

Basic cable



AGOFRU029Mxxx

PVC	08	MAT9284001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	11	MAT9286001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Basic cable



AGOFRU030Mxxx

PVC	08	MAT9289001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
TPE H*	11	MAT9289004	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | NUM PVC/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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NUM Encoder cables

Extension cable



AGOFRU029Mxxx (ext.)

PVC	08	MAT9284011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	9.0	10
TPE H*	11	MAT9286011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	10.0	6.8

Extension cable



AGOFRU030Mxxx (ext.)

PVC	08	MAT9289011	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	9.0	10
TPE H*	11	MAT9289014	(3x(2x0.14)C)+(4x0.14)+(2x0.5)C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Omron PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Omron Motor cables

Basic cable



R88A-CAWA-xxxS-DE

TPE F	02	MAT9810004	(4G0.5)C	7.5	7.5
TPE H*	03	MAT9962104	(4G0.5)C	8.0	7.5

R88A-CAWCxxx

PVC M.I.	01	MAT9710005	(4G1.5)C	10.0	7.5
TPE F	02	MAT9810005	(4G1.5)C	10.0	7.5
TPE H*	03	MAT9962105	(4G1.5)C	10.0	7.5

R88A-CAWCxxxS-E

PVC M.I.	01	MAT9710003	(4G1.5)C	10.0	7.5
TPE F	02	MAT9810003	(4G1.5)C	10.0	7.5
TPE H*	03	MAT9962103	(4G1.5)C	10.0	7.5

R88A-CAWDxxxS

PVC M.I.	01	MAT9710006	(4G2.5)C	11.5	7.5
TPE F	02	MAT9810006	(4G2.5)C	11.5	7.5
TPE H*	03	MAT9962106	(4G2.5)C	11.5	7.5

R88A-CAWDxxxS-E

PVC M.I.	01	MAT9710001	(4G2.5)C	11.5	7.5
TPE F	02	MAT9810001	(4G2.5)C	11.5	7.5
TPE H*	03	MAT9962101	(4G2.5)C	11.5	7.5

R88A-CAWFxxxS-E

PVC M.I.	01	MAT9710002	(4G4.0)C	13.0	7.5
TPE F	02	MAT9810002	(4G4.0)C	13.0	7.5
TPE H*	03	MAT9962102	(4G4.0)C	13.0	7.5

Omron Control cables

Basic cable



JZSP-CHM000-xx-E

PVC M.I.	18	MAT9712103	(5G0.5)C	8.0	7.5
PVC, oil-res.	20	MAT9710015	(5G0.5)C	8.5	6.8
PUR M.I.	22	MAT9810015	(5G0.5)C	8.0	6.8
TPE H*	24	MAT9912103	(5x0.5)C	7.5	5

Basic cable



JZSP-CHM000-xx-ME

PVC M.I.	18	MAT9712104	(5G0.5)C	8.0	7.5
PVC, oil-res.	20	MAT9710016	(5G0.5)C	8.5	6.8
PUR M.I.	22	MAT9810016	(5G0.5)C	8.0	6.8
TPE H*	24	MAT9912104	(5x0.5)C	7.5	5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Omron

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Omron Control cables

Basic cable



JZSP-CHM030-xx-E

PVC M.I.	18	MAT9712105	(7G0.75)C	10.0	7.5
PVC, oil-res.	20	MAT9710017	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810017	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912105	(7x0.5)C	8.5	5

Basic cable



JZSP-CHM030-xx-ME

PVC M.I.	18	MAT9712106	(7G0.75)C	10.0	7.5
PVC, oil-res.	20	MAT9710018	(7G0.5)C	10.0	6.8
PUR M.I.	22	MAT9810018	(7G0.5)C	9.5	6.8
TPE H*	24	MAT9912106	(7x0.5)C	8.5	5

Basic cable



JZSP-CSM22-xx-E-G1

PVC M.I.	18	MAT9712102	(4G0.75)C	8.5	7.5
PVC, oil-res.	20	MAT9710014	(4G0.75)C	8.5	6.8
PUR M.I.	22	MAT9810014	(4G0.75)C	8.5	6.8
TPE H*	24	MAT9912102	(4G0.75)C	7.5	5

Basic cable



R88A-CAWCxxxB-E

PVC	17	MAT9712101	2x0.5	5.5	7.5
PVC, oil-res.	19	MAT9710013	2x0.5	6.0	6.8
PUR	21	MAT9810013	3G0.75	6.5	6.8
TPE H*	23	MAT9912101	2x0.5	5.0	5

Basic cable



R88A-CAWExxxB

PVC M.I.	18	MAT9712107	(3G0.5)C	7.0	7.5
PVC, oil-res.	20	MAT9710019	(2x0.5)C	7.0	6.8
PUR M.I.	22	MAT9810019	(4G0.5)C	8.0	6.8
TPE H*	24	MAT9912107	(4x0.5)C	7.0	5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Omron

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Omron Encoder cables

Basic cable



JZSP-CHP800-xx-E

PVC	08	MAT9710009	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842103	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810009	(4x(2x0.25)+2x0.5)C	8.5	6.8

Basic cable



JZSP-CHP800-xx-ME

PVC	08	MAT9710008	(4x(2x0.25)+2x0.5)C	8.0	10
PUR M.I.	10	MAT9842102	(4x(2x0.25)+2x0.5)C	8.5	7.5
TPE H*	11	MAT9810008	(4x(2x0.25)+2x0.5)C	8.5	6.8

Basic cable



JZSP-CSP21-xx-E-G1

PVC	14	MAT9710011	(3x(2x0.25))C	7.0	7.5
PUR M.I.	10	MAT9842105	(3x(2x0.25))C	7.5	7.5
TPE H*	11	MAT9810011	(3x(2x0.25))C	7.5	6.8

Basic cable



R88A-CRWA-xxxC-DE

PVC	08	MAT9710012	(2x(2x0.25)+2x0.5)C	6.5	10
PUR M.I.	10	MAT9842106	(2x(2x0.25)+2x0.5)C	6.5	7.5
TPE H*	11	MAT9810012	(2x(2x0.25)+2x0.5)C	6.5	6.8

Basic cable



R88A-CRWBxxxN

PVC	08	MAT9710010	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842104	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810010	(4x(2x0.25)+2x1.0)C	9.0	6.8

R88A-CRWBxxxN-E

PVC	08	MAT9710007	(4x(2x0.25)+2x1.0)C	8.5	10
PUR M.I.	10	MAT9842101	(4x(2x0.25)+2x1.0)C	9.0	7.5
TPE H*	11	MAT9810007	(4x(2x0.25)+2x1.0)C	9.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Parker

PVC/PUR

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Parker Motor cables				
Basic cable				
iMOK42				
PVC O.I.	04	MAT9752255	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752205	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9852255	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852205	(4G1.5+(2x1.5)C)	13.0 7.5
iMOK43				
PVC O.I.	04	MAT9752257	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852257	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752207	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852207	(4G2.5+(2x1.5)C)C	14.5 7.5
iMOK44				
PVC O.I.	04	MAT9752256	(4G1.5+(2x1.5)C)	12.5 10
PUR O.I.	06	MAT9852256	(4G1.5+(2x1.5)C)	12.5 10
PUR O.I.	06	MAT9752206	(4G1.5+(2x1.5)C)	13.0 7.5
PUR M.I.	07	MAT9852206	(4G1.5+(2x1.5)C)	13.0 7.5
iMOK45				
PVC O.I.	04	MAT9752258	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852258	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752208	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852208	(4G2.5+(2x1.5)C)C	14.5 7.5
iMOK54				
PVC O.I.	04	MAT9752252	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752202	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9852252	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852202	(4G1.5+(2x1.5)C)	13.0 7.5
iMOK55				
PVC O.I.	04	MAT9752251	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9752201	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9852251	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9852201	(4G1.5+(2x1.5)C)	13.0 7.5
iMOK56				
PVC O.I.	04	MAT9752253	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9752203	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9852253	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9852203	(4G2.5+(2x1.5)C)C	14.5 7.5
iMOK57				
PVC O.I.	04	MAT9752254	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9852254	(4G2.5+(2x1.5)C)C	14.0 10
PUR O.I.	06	MAT9752204	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR M.I.	07	MAT9852204	(4G2.5+(2x1.5)C)C	14.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

Harnessed drive cables | Parker

PVC/PUR/TPE

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Parker Resolver cables				
Basic cable				
iREK32				
PVC	14	MAT9722211	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822211	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922211	(4x(2x0.25))C	8.5 6.8
iREK33				
PVC	14	MAT9722212	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822212	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922212	(4x(2x0.25))C	8.5 6.8
iREK41				
PVC	14	MAT9722210	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822210	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922210	(4x(2x0.25))C	8.5 6.8
iREK42				
PVC	14	MAT9722209	(4x(2x0.25))C	7.5 7.5
PUR	15	MAT9822209	(4x(2x0.25))C	7.5 7.5
TPE H*	16	MAT9922209	(4x(2x0.25))C	8.5 6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Motor cables				

Connection cable (Amphenol)



0199 1809				
PVC M.I.	01	MAT9410006	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861401	(4G1.5)C	9.0 10
TPE F	02	MAT9400006	(4G1.5)C	10.0 7.5
0199 1825				
PVC M.I.	01	MAT9410007	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861402	(4G2.5)C	10.5 10
TPE F	02	MAT9400007	(4G2.5)C	11.5 7.5
0199 1841				
PVC M.I.	01	MAT9410008	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861403	(4G4.0)C	12.5 10
TPE F	02	MAT9400008	(4G4.0)C	13.0 7.5
0199 1868				
PVC M.I.	01	MAT9410009	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861404	(4G6.0)C	14.5 10
TPE F	02	MAT9400009	(4G6.0)C	16.0 7.5
0199 1884				
PVC M.I.	01	MAT9410010	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861405	(4G10)C	17.0 10
TPE F	02	MAT9400010	(4G10)C	18.5 7.5

Connection cable



0590 4773				
PVC M.I.	01	MAT9410012	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861406	(4G1.5)C	9.0 10
TPE F	02	MAT9400012	(4G1.5)C	10.0 7.5
0590 4803				
PVC M.I.	01	MAT9761415	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861415	(4G4.0)C	12.5 10
TPE F	02	MAT9961415	(4G4.0)C	13.0 7.5
0590 6245				
PVC M.I.	01	MAT9761413	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861413	(4G1.5)C	9.0 10
TPE F	02	MAT9961413	(4G1.5)C	10.0 7.5
0590 6253				
PVC M.I.	01	MAT9761414	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861414	(4G2.5)C	10.5 10
TPE F	02	MAT9961414	(4G2.5)C	11.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Motor cables				

Connection cable



1335 0293				
PVC M.I.	01	MAT9761416	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861416	(4G6.0)C	14.5 10
TPE F	02	MAT9961416	(4G6.0)C	16.0 7.5
1335 0307				
PVC M.I.	01	MAT9761417	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861417	(4G10)C	17.0 10
TPE F	02	MAT9961417	(4G10)C	18.5 7.5
1335 0315				
PVC M.I.	01	MAT9761418	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861418	(4G16)C	20.5 10
TPE F	02	MAT9961418	(4G16)C	23.0 7.5



Extension cable (Amphenol)



0199 5502				
PVC M.I.	01	MAT9411006	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861407	(4G1.5)C	9.0 10
TPE F	02	MAT9401006	(4G1.5)C	10.0 7.5
0199 5529				
PVC M.I.	01	MAT9411007	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861408	(4G2.5)C	10.5 10
TPE F	02	MAT9401007	(4G2.5)C	11.5 7.5
0199 5545				
PVC M.I.	01	MAT9411008	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861409	(4G4.0)C	12.5 10
TPE F	02	MAT9401008	(4G4.0)C	13.0 7.5
0199 5561				
PVC M.I.	01	MAT9411009	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861410	(4G6.0)C	14.5 10
TPE F	02	MAT9401009	(4G6.0)C	16.0 7.5
0199 5588				
PVC M.I.	01	MAT9411010	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861411	(4G10)C	17.0 10
TPE F	02	MAT9401010	(4G10)C	18.5 7.5



Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Motor cables				
Extension cable				
				
0590 3610				
PVC M.I.	01	MAT9411012	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861412	(4G1.5)C	9.0 10
TPE F	02	MAT9401012	(4G1.5)C	10.0 7.5
Extension cable				
				
1333 2457				
PVC M.I.	01	MAT9761419	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861419	(4G1.5)C	9.0 10
TPE F	02	MAT9961419	(4G1.5)C	10.0 7.5
1333 2465				
PVC M.I.	01	MAT9761420	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861420	(4G2.5)C	10.5 10
TPE F	02	MAT9961420	(4G2.5)C	11.5 7.5
1333 2473				
PVC M.I.	01	MAT9761421	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861421	(4G4.0)C	12.5 10
TPE F	02	MAT9961421	(4G4.0)C	13.0 7.5
1335 0021				
PVC M.I.	01	MAT9761422	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861422	(4G6.0)C	14.5 10
TPE F	02	MAT9961422	(4G6.0)C	16.0 7.5
1335 0048				
PVC M.I.	01	MAT9761423	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861423	(4G10)C	17.0 10
TPE F	02	MAT9961423	(4G10)C	18.5 7.5
1335 0056				
PVC M.I.	01	MAT9761424	(4G16)C	23.0 7.5
PUR O.I.	06	MAT9861424	(4G16)C	20.5 10
TPE F	02	MAT9961424	(4G16)C	23.0 7.5



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igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Servo cables				
Connection cable (Amphenol)				
				
0199 1906				
PVC O.I.	04	MAT9751401	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9410001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851401	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9400001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
0199 1922				
PVC O.I.	04	MAT9751402	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9410002	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851402	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9400002	(4G2.5+2x(2x1.5)C)C	16.0 7.5
0199 1949				
PVC O.I.	04	MAT9751403	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9410003	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851403	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9400003	(4G4.0+2x(2x1.5)C)C	17.5 7.5
0199 1965				
PVC O.I.	04	MAT9751404	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9410004	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851404	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9400004	(4G6.0+2x(2x1.5)C)C	19.5 7.5
0199 1981				
PVC M.I.	05	MAT9410005	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851405	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9400005	(4G10+2x(2x1.5)C)C	22.5 7.5
Connection cable				
				
1332 4861				
PVC O.I.	04	MAT9751405	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9410011	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851406	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9400011	(4G1.5+(2x1.5)C)	13.0 7.5

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igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Servo cables				
Connection cable				
				
1333 1221				
PVC O.I.	04	MAT9751473	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751474	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851473	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851474	(4G1.5+(2x1.5)C)	13.0 7.5
TPE H*	31	MAT9951473	(4G1.5+(2x1.5)C)	13.0 6.8
1333 2155				
PVC O.I.	04	MAT9751471	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751472	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851471	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851472	(4G2.5+(2x1.5)C)C	14.5 7.5
TPE H*	31	MAT9951471	(4G2.5+(2x1.5)C)C	14.0 6.8
Connection cable				
				
1335 0153				
PVC O.I.	04	MAT9751422	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9751440	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851422	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9851440	(4G6.0+2x(2x1.5)C)C	19.5 7.5
1335 0161				
PVC M.I.	05	MAT9751441	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851423	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9851441	(4G10+2x(2x1.5)C)C	22.5 7.5
1335 0188				
PVC M.I.	05	MAT9751442	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851424	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9851442	(4G16+2x(2x1.5)C)C	26.0 7.5
1335 0234				
PVC O.I.	04	MAT9751416	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751434	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851416	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851434	(4G6.0+(2x1.5)C)C	17.5 7.5
1335 0242				
PVC M.I.	05	MAT9751435	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851417	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851435	(4G10+(2x1.5)C)C	21.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Servo cables				
1335 0250				
PVC M.I.	05	MAT9751436	(4G16+2x(2x1.5)C)C	26.5 7.5
PUR O.I.	06	MAT9851418	(4G16+2x(2x1.5)C)C	26.0 10
PUR M.I.	07	MAT9851436	(4G16+(2x1.5)C)C	24.0 7.5
1335 4302				
PUR O.I.	27	MAT9851419	(4G1.5+(3x1.0)C)C	12.0 10
1335 4310				
PVC O.I.	04	MAT9751420	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9751438	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851420	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9851438	(4G2.5+2x(2x1.5)C)C	16.0 7.5
1335 4329				
PVC O.I.	04	MAT9751421	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9751439	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851421	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9851439	(4G4.0+2x(2x1.5)C)C	17.5 7.5
1335 4388				
PUR O.I.	27	MAT9851413	(4G1.5+(3x1.0)C)C	12.0 10
1335 4396				
PUR O.I.	27	MAT9851479	(4G2.5+(3x1.0)C)C	13.5 10

Extension cable (Amphenol)

0199 2007				
PVC O.I.	04	MAT9751406	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9411001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851407	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9401001	(4G1.5+2x(2x0.75)C)C	14.5 7.5
0199 2023				
PVC O.I.	04	MAT9751407	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9411002	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851408	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9401002	(4G2.5+2x(2x1.5)C)C	16.0 7.5
0199 204X				
PVC O.I.	04	MAT9751408	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9411003	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851409	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9401003	(4G4.0+2x(2x1.5)C)C	17.5 7.5
0199 2066				
PVC O.I.	04	MAT9751409	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9411004	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851410	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9401004	(4G6.0+2x(2x1.5)C)C	19.5 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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SEW Servo cables

Extension cable (Amphenol)



0199 2082

PVC M.I.	05	MAT9411005	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9851411	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9401005	(4G10+2x(2x1.5)C)C	22.5	7.5

Extension cable



0593 6500

PVC O.I.	04	MAT9751410	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9411011	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851412	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9401011	(4G1.5+(2x1.5)C)	13.0	7.5

Extension cable



1333 1205

PUR O.I.	27	MAT9851480	(4G1.5+(3x1.0)C)C	12.0	10
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EPLAN macros suitable for SEW available online

Can be used directly in CAE planning.

Learn more about it on page 582/583 and online: www.igus.eu/eplan-macro



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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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SEW Servo cables

Extension cable



1333 2481

PVC O.I.	04	MAT9751475	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751476	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851475	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851476	(4G1.5+(2x1.5)C)	13.0	7.5
TPE H*	31	MAT9951475	(4G1.5+(2x1.5)C)	13.0	6.8

1333 2503

PVC O.I.	04	MAT9751477	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751478	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851477	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851478	(4G2.5+(2x1.5)C)C	14.5	7.5
TPE H*	31	MAT9951477	(4G2.5+(2x1.5)C)C	14.0	6.8

1335 0099

PVC M.I.	05	MAT9751446	(4G6.0+2x(2x1.5)C)C	21.0	7.5
PUR O.I.	06	MAT9851428	(4G6.0+2x(2x1.5)C)C	19.0	10
PUR M.I.	07	MAT9851446	(4G6.0+2x(2x1.5)C)C	19.5	7.5

1335 0102

PVC M.I.	05	MAT9751447	(4G10+2x(2x1.5)C)C	23.0	7.5
PUR O.I.	06	MAT9851429	(4G10+2x(2x1.5)C)C	22.5	10
PUR M.I.	07	MAT9851447	(4G10+2x(2x1.5)C)C	22.5	7.5

1335 0110

PVC M.I.	05	MAT9751448	(4G16+2x(2x1.5)C)C	26.5	7.5
PUR O.I.	06	MAT9851430	(4G16+2x(2x1.5)C)C	26.0	10
PUR M.I.	07	MAT9851448	(4G16+2x(2x1.5)C)C	26.0	7.5

1335 4221

PUR O.I.	27	MAT9851425	(4G1.5+(3x1.0)C)C	12.0	10
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1335 4248





PVC M.I.	05	MAT9751444	(4G2.5+2x(2x1.5)C)C	17.0	7.5
PUR O.I.	06	MAT9851426	(4G2.5+2x(2x1.5)C)C	16.0	10
PUR M.I.	07	MAT9851444	(4G2.5+2x(2x1.5)C)C	16.0	7.5

1335 4337




PVC M.I.	05	MAT9751445	(4G4.0+2x(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851427	(4G4.0+2x(2x1.5)C)C	17.0	10
PUR M.I.	07	MAT9851445	(4G4.0+2x(2x1.5)C)C	17.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
SEW Hybrid servo cables					
Basic cable					
					
0186 725 3					
PUR O.I.	27	MAT9851443	4G1.5+(2x0.75)C+(3x0.75)C	14.0 10	
0187 889 5					
PUR O.I.	27	MAT9851456	(7x2.5+(2x0.75)C)C	20.0 10	
0593 278 5					
PUR O.I.	27	MAT9851449	(7x2.5+(2x0.75)C)C	20.0 10	
0593 755 8					
PUR O.I.	27	MAT9851451	(7x2.5+(2x0.75)C)C	20.0 10	
0816 208 5					
PUR O.I.	27	MAT9851454	(7x2.5+(2x0.75)C)C	20.0 10	
0816 325 1					
PUR O.I.	27	MAT9851450	(7x2.5+(2x0.75)C)C	20.0 10	
0816 326 X					
PUR O.I.	27	MAT9851452	(7x2.5+(2x0.75)C)C	20.0 10	
0817 886 0					
PUR O.I.	27	MAT9851457	(7x2.5+(2x0.75)C)C	20.0 10	
0817 887 9					
PUR O.I.	27	MAT9851455	(7x2.5+(2x0.75)C)C	20.0 10	
0817 888 7					
PUR O.I.	27	MAT9851458	(7x2.5+(2x0.75)C)C	20.0 10	
0817 948 4					
PUR O.I.	27	MAT9851453	(7x2.5+(2x0.75)C)C	20.0 10	
Connection cable					
					
2812 3743					
PUR O.I.	28	New	MAT9851482	(4G1.5+2x(2x1.0)C+HF50-0.9/2.95)C	15.5 10
2812 3751					
PUR O.I.	28	New	MAT9851484	(4G2.5+2x(2x1.0)C+HF50-0.9/2.95)C	16.5 10
Extension cable					
					
2812 3859					
PUR O.I.	28	New	MAT9851483	(4G1.5+2x(2x1.0)C+HF50-0.9/2.95)C	15.5 10
2812 3867					
PUR O.I.	28	New	MAT9851485	(4G2.5+2x(2x1.0)C+HF50-0.9/2.95)C	16.5 10
Connection cable					
					
1811 8119					
PUR O.I.	27	MAT9851464	(7x1.5+(2x0.75)C)C	16.0 10	

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
SEW Control cables				
Connection cable				
				
0199 560x				
PVC, oil-res.	19	MAT9711401	3G1.0	6.5 6.8
PUR	21	MAT9811401	3G1.0	6.5 6.8
TPE F	25	MAT9911401	3G1.0	6.5 5
SEW Encoder cables				
Connection cable				
				
0198 9308				
PUR M.I.	10	MAT9841404	(3x(2x0.25))C	7.5 7.5
0199 3194				
PUR M.I.	10	MAT9841401	(5x(2x0.25))C	8.5 7.5
0199 4875				
PVC	08	MAT9741401	(5x(2x0.25))C	8.0 10
0595 1518				
PVC	08	MAT9741408	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841408	(6x(2x0.25))C	9.0 7.5
TPE H*	16	MAT9941408	(6x(2x0.25))C	10.0 6.8
1332 4551				
PVC	08	MAT9741403	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841403	(6x(2x0.25))C	9.0 7.5
1332 7437				
PVC	08	MAT9741402	(5x(2x0.25))C	8.0 10
PUR M.I.	10	MAT9841402	(5x(2x0.25))C	8.5 7.5
Extension cable				
				
0199 5405				
PVC	08	MAT9741406	(6x(2x0.25))C	8.5 10
PUR M.I.	10	MAT9841406	(6x(2x0.25))C	9.0 7.5
0199 5413				
PVC	08	MAT9741405	(5x(2x0.25))C	8.0 10
PUR M.I.	10	MAT9841405	(5x(2x0.25))C	8.5 7.5
0593 9682				
PVC	08	MAT9741407	(5x(2x0.25))C	8.0 10
PUR M.I.	10	MAT9841407	(5x(2x0.25))C	8.5 7.5

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* Cable qualities: M.I = with inner jacket, O.I. = without inner jacket, F = flame-retardant, H = halogen-free OIL = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX8002-5CN06

PVC M.I.	01	MAT9761554	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615122	(4G1.5)C	9.0	10
PUR M.I.	07	MAT98615123	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961560	(4G1.5)C	10.0	7.5

6FX8002-5CN16

PVC M.I.	01	MAT9761559	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615108	(4G2.5)C	10.5	10
PUR M.I.	07	MAT98615107	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961554	(4G2.5)C	11.5	7.5

Basic cable



6FX8002-5CN26

PVC M.I.	01	MAT97515111	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98515130	(4G1.5)C	9.0	10
TPE F	02	MAT98515131	(4G1.5)C	10.0	7.5

6FX8002-5CN36

PVC M.I.	01	MAT9761556	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615102	(4G2.5)C	10.5	10
PUR M.I.	07	MAT98615103	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961552	(4G2.5)C	11.5	7.5

6FX8002-5CN46

PVC M.I.	01	MAT9761557	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT98615105	(4G4.0)C	12.5	10
TPE F	02	MAT9961553	(4G4.0)C	13.0	7.5

6FX8002-5CN56

PVC M.I.	01	MAT9761561	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT98615110	(4G6.0)C	14.5	10
TPE F	02	MAT9961555	(4G6.0)C	16.0	7.5

Basic cable



6FX8002-5CS06

PVC M.I.	01	MAT9761568	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615120	(4G1.5)C	9.0	10
PUR M.I.	07	MAT98615121	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961559	(4G1.5)C	10.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CA01

PVC M.I.	01	MAT9150001	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861504	(4G1.5)C	9.0	10
TPE F	02	MAT9050001	(4G1.5)C	10.0	7.5

6FX_002-5CA11

PVC M.I.	01	MAT9150002	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861505	(4G2.5)C	10.5	10
TPE F	02	MAT9050002	(4G2.5)C	11.5	7.5

Basic cable



6FX_002-5CA13

PVC M.I.	01	MAT9150009	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861524	(4G10)C	17.0	10
TPE F	02	MAT9050009	(4G10)C	18.5	7.5

Basic cable



6FX_002-5CA21

PVC M.I.	01	MAT9150003	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861506	(4G1.5)C	9.0	10
TPE F	02	MAT9050003	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CA23

PVC M.I.	01	MAT9150008	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861511	(4G16)C	20.5	10
TPE F	02	MAT9050008	(4G16)C	23.0	7.5

Basic cable



6FX_002-5CA31

PVC M.I.	01	MAT9150004	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861507	(4G2.5)C	10.5	10
TPE F	02	MAT9050004	(4G2.5)C	11.5	7.5

6FX_002-5CA41

PVC M.I.	01	MAT9150005	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861508	(4G4.0)C	12.5	10
TPE F	02	MAT9050005	(4G4.0)C	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CA51

PVC M.I.	01	MAT9150006	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861509	(4G6.0)C	14.5	10
TPE F	02	MAT9050006	(4G6.0)C	16.0	7.5

6FX_002-5CA61

PVC M.I.	01	MAT9150007	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861510	(4G10)C	17.0	10
TPE F	02	MAT9050007	(4G10)C	18.5	7.5

Basic cable



6FX_002-5CG01

PVC M.I.	01	MAT9761512	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861542	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861541	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961512	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CG11

PVC M.I.	01	MAT9761514	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861546	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9861545	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961514	(4G2.5)C	11.5	7.5

Basic cable



6FX_002-5CG13

PVC M.I.	01	MAT9761520	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861553	(4G10)C	17.0	10
TPE F	02	MAT9961520	(4G10)C	18.5	7.5

6FX_002-5CG21

PVC M.I.	01	MAT9761513	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861544	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861543	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961513	(4G1.5)C	10.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CG23

PVC M.I.	01	MAT9761521	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861554	(4G16)C	20.5	10
TPE F	02	MAT9961521	(4G16)C	23.0	7.5

6FX_002-5CG31

PVC M.I.	01	MAT9761516	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861549	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9861548	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961516	(4G2.5)C	11.5	7.5

6FX_002-5CG41

PVC M.I.	01	MAT9761517	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861550	(4G4.0)C	12.5	10
TPE F	02	MAT9961517	(4G4.0)C	13.0	7.5

6FX_002-5CG51

PVC M.I.	01	MAT9761518	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861551	(4G6.0)C	14.5	10
TPE F	02	MAT9961518	(4G6.0)C	16.0	7.5

6FX_002-5CG61

PVC M.I.	01	MAT9761519	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861552	(4G10)C	17.0	10
TPE F	02	MAT9961519	(4G10)C	18.5	7.5

Basic cable



6FX_002-5CK01

PUR M.I.	07	MAT98615112	(4G0.75)C	9.5	7.5
TPE F	02	MAT9961556	(4G0.75)C	8.0	7.5

Basic cable



6FX_002-5CL01

PVC M.I.	01	MAT9761563	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615114	(4G1.5)C	9.0	10
PUR M.I.	07	MAT98615115	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961557	(4G1.5)C	10.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CL02

PVC M.I.	01	MAT9761572	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615126	(4G1.5)C	9.0	10
PUR M.I.	07	MAT98615127	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961563	(4G1.5)C	10.0	7.5

6FX_002-5CL12

PVC M.I.	01	MAT9761573	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615128	(4G2.5)C	10.5	10
PUR M.I.	07	MAT98615129	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961564	(4G2.5)C	11.5	7.5

Basic cable



6FX_002-5CS01

PVC M.I.	01	MAT9150020	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861512	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861501	(4G1.5)C	11.0	7.5
TPE F	02	MAT9050020	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CS02

PVC M.I.	01	MAT9761501	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861526	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861525	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961501	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CS11

PVC M.I.	01	MAT9761502	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861528	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9861527	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961502	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CS12

PVC M.I.	01	MAT9761503	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861530	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9861529	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961503	(4G2.5)C	11.5	7.5

Basic cable



6FX_002-5CS13

PVC M.I.	01	MAT9761504	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861531	(4G10)C	17.0	10
TPE F	02	MAT9961504	(4G10)C	18.5	7.5

6FX_002-5CS21

PVC M.I.	01	MAT9150021	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861513	(4G1.5)C	9.0	10
PUR M.I.	07	MAT9861502	(4G1.5)C	11.0	7.5
TPE F	02	MAT9050021	(4G1.5)C	10.0	7.5

Basic cable



6FX_002-5CS23

PVC M.I.	01	MAT9761515	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861547	(4G16)C	20.5	10
TPE F	02	MAT9961515	(4G16)C	23.0	7.5

6FX_002-5CS24

PVC M.I.	01	MAT9761570	(4G16)C	23.0	7.5
PUR O.I.	06	MAT98615125	(4G16)C	20.5	10
TPE F	02	MAT9961561	(4G16)C	23.0	7.5
TPE H*	03	MAT9961562	(4G16)C	23.0	7.5

Basic cable



6FX_002-5CS31

PVC M.I.	01	MAT9150022	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861514	(4G2.5)C	10.5	10
PUR M.I.	07	MAT9861503	(4G2.5)C	12.5	7.5
TPE F	02	MAT9050022	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CS41

PVC M.I.	01	MAT9150023	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861533	(4G4.0)C	12.5	10
TPE F	02	MAT9050023	(4G4.0)C	13.0	7.5

Basic cable



6FX_002-5CS42

PVC M.I.	01	MAT9761506	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861534	(4G4.0)C	12.5	10
TPE F	02	MAT9961506	(4G4.0)C	13.0	7.5

Basic cable



6FX_002-5CS51

PVC M.I.	01	MAT9150024	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861535	(4G6.0)C	14.5	10
TPE F	02	MAT9050024	(4G6.0)C	16.0	7.5

Basic cable



6FX_002-5CS52

PVC M.I.	01	MAT9761507	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861536	(4G6.0)C	14.5	10
TPE F	02	MAT9961507	(4G6.0)C	16.0	7.5

Basic cable



6FX_002-5CS54

PVC M.I.	01	MAT9761508	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861537	(4G6.0)C	14.5	10
TPE F	02	MAT9961508	(4G6.0)C	16.0	7.5

Basic cable



6FX_002-5CS61

PVC M.I.	01	MAT9761509	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861538	(4G10)C	17.0	10
TPE F	02	MAT9961509	(4G10)C	18.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Basic cable



6FX_002-5CS62

PVC M.I.	01	MAT9761510	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861539	(4G10)C	17.0	10
TPE F	02	MAT9961510	(4G10)C	18.5	7.5

Basic cable



6FX_002-5CS64

PVC M.I.	01	MAT9761511	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861540	(4G10)C	17.0	10
TPE F	02	MAT9961511	(4G10)C	18.5	7.5

Extension cable



6FX_002-5CA05

PVC M.I.	01	MAT9151001	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861515	(4G1.5)C	9.0	10
TPE F	02	MAT9051001	(4G1.5)C	10.0	7.5

6FX_002-5CA15

PVC M.I.	01	MAT9151002	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861516	(4G2.5)C	10.5	10
TPE F	02	MAT9051002	(4G2.5)C	11.5	7.5

Extension cable



6FX_002-5CA28

PVC M.I.	01	MAT9151003	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861517	(4G1.5)C	9.0	10
TPE F	02	MAT9051003	(4G1.5)C	10.0	7.5

6FX_002-5CA38

PVC M.I.	01	MAT9151004	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861518	(4G2.5)C	10.5	10
TPE F	02	MAT9051004	(4G2.5)C	11.5	7.5

6FX_002-5CA48

PVC M.I.	01	MAT9151005	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861519	(4G4.0)C	12.5	10
TPE F	02	MAT9051005	(4G4.0)C	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Power cables

Extension cable



6FX_002-5CA58

PVC M.I.	01	MAT9151006	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861520	(4G6.0)C	14.5	10
TPE F	02	MAT9051006	(4G6.0)C	16.0	7.5

6FX_002-5CA68

PVC M.I.	01	MAT9151007	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861521	(4G10)C	17.0	10
TPE F	02	MAT9051007	(4G10)C	18.5	7.5

Extension cable



6FX_002-5CX18

PVC M.I.	01	MAT9151009	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861522	(4G10)C	17.0	10
TPE F	02	MAT9051009	(4G10)C	18.5	7.5

6FX_002-5CX28

PVC M.I.	01	MAT9151008	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861523	(4G16)C	20.5	10
TPE F	02	MAT9051008	(4G16)C	23.0	7.5

Siemens Servo cables

Basic cable



6FX_002-5DA01

PVC O.I.	04	MAT9751501	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851501	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060001	(4G1.5+(2x1.5)C)	13.0	7.5

6FX_002-5DA11

PVC O.I.	04	MAT9751502	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160002	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851502	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060002	(4G2.5+(2x1.5)C)C	14.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Servo cables

Basic cable



6FX_002-5DA21

PVC O.I.	04	MAT9751503	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851503	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060003	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



6FX_002-5DA23

PVC M.I.	05	MAT9160008	(4G16+(2x1.5)C)C	25.0	7.5
PUR O.I.	06	MAT9851508	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9060008	(4G16+(2x1.5)C)C	24.0	7.5

Basic cable



6FX_002-5DA30

PVC O.I.	04	MAT97515127	(4G1.5+(2x1.5)C)	12.5	10
PUR O.I.	06	MAT98515151	(4G1.5+(2x1.5)C)	12.5	10

Basic cable



6FX_002-5DA31

PVC O.I.	04	MAT9751504	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160004	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851504	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060004	(4G2.5+(2x1.5)C)C	14.5	7.5

Basic cable



6FX_002-5DA33

PVC M.I.	05	MAT9160009	(4G25+(2x1.5)C)C	30.0	7.5
PUR M.I.	07	MAT9060009	(4G25+(2x1.5)C)C	28.0	7.5

Basic cable



6FX_002-5DA41

PVC O.I.	04	MAT9751505	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9160005	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851505	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9060005	(4G4.0+(2x1.5)C)C	16.0	7.5

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables				
Basic cable				
6FX_002-5DA43				
PVC M.I.	05	MAT9160010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	07	MAT9060010	(4G35+(2x1.5)C)C	32.0 7.5
Basic cable				
6FX_002-5DA51				
PVC O.I.	04	MAT9751506	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9160006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851506	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9060006	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DA61				
PVC M.I.	05	MAT9160007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851507	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9060007	(4G10+(2x1.5)C)C	21.0 7.5
Basic cable				
6FX_002-5DG01				
PVC O.I.	04	MAT9751529	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751528	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851541	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851540	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
6FX_002-5DG11				
PVC O.I.	04	MAT9751533	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751532	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851545	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851544	(4G2.5+(2x1.5)C)C	14.5 7.5
Basic cable				
6FX_002-5DG13				
PVC M.I.	05	MAT9751541	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851555	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851554	(4G10+(2x1.5)C)C	21.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables				
6FX_002-5DG21				
PVC O.I.	04	MAT9751531	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751530	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
PUR O.I.				
PUR O.I.	06	MAT9851543	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851542	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
6FX_002-5DG23				
PUR O.I.	06	MAT9851557	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9851556	(4G16+(2x1.5)C)C	24.0 7.5
6FX_002-5DG31				
PVC O.I.	04	MAT9751535	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751534	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851547	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851546	(4G2.5+(2x1.5)C)C	14.5 7.5
Basic cable				
6FX_002-5DG33				
PUR M.I.	07	MAT9851558	(4G25+(2x1.5)C)C	28.0 7.5
6FX_002-5DG41				
PVC O.I.	04	MAT9751537	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751536	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851549	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851548	(4G4.0+(2x1.5)C)C	16.0 7.5
Basic cable				
6FX_002-5DG43				
PUR M.I.	07	MAT9851559	(4G35+(2x1.5)C)C	32.0 7.5
6FX_002-5DG51				
PVC O.I.	04	MAT9751539	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751538	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851551	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851550	(4G6.0+(2x1.5)C)C	17.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Servo cables

Basic cable



6FX_002-5DG61

PVC M.I.	05	MAT9751540	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851553	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851552	(4G10+(2x1.5)C)C	21.0	7.5

Basic cable



6FX_002-5DN06

PVC O.I.	04	MAT97515103	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515102	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515122	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515123	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



6FX_002-5DN16

PVC O.I.	04	MAT97515108	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515109	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515129	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515128	(4G2.5+(2x1.5)C)C	14.5	7.5

Basic cable



6FX_002-5DN26

PVC O.I.	04	MAT97515125	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515126	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515145	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515146	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



6FX_002-5DN30

PVC O.I.	04	MAT9761566	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT98615117	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9761565	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98615116	(4G1.5+(2x1.5)C)	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Servo cables

Basic cable



6FX_002-5DN46

PVC O.I.	04	MAT97515113	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT97515114	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT98515133	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT98515134	(4G4.0+(2x1.5)C)C	16.0	7.5

Basic cable



6FX_002-5DN56

PVC O.I.	04	MAT97515119	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT97515120	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515139	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515140	(4G6.0+(2x1.5)C)C	17.5	7.5

Basic cable



6FX_002-5DS01

PVC O.I.	04	MAT9751507	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160020	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851509	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060020	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



6FX_002-5DS06

PVC O.I.	04	MAT97515105	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515104	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515124	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515125	(4G1.5+(2x1.5)C)	13.0	7.5

Basic cable



6FX_002-5DS11

PVC O.I.	04	MAT9751516	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751515	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851523	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851522	(4G2.5+(2x1.5)C)C	14.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables				
Basic cable				
6FX_002-5DS13				
PVC M.I.	05	MAT9751517	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851525	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851524	(4G10+(2x1.5)C)C	21.0 7.5
6FX_002-5DS21				
PVC O.I.	04	MAT9751508	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9160021	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851510	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9060021	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable				
6FX_002-5DS23				
PUR O.I.	06	MAT9851527	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9851526	(4G16+(2x1.5)C)C	24.0 7.5
6FX_002-5DS33				
PUR M.I.	07	MAT9851532	(4G25+(2x1.5)C)C	28.0 7.5
Basic cable				
6FX_002-5DS36				
PVC O.I.	04	MAT97515107	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT97515106	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515127	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515126	(4G2.5+(2x1.5)C)C	14.5 7.5
Basic cable				
6FX_002-5DS41				
PVC O.I.	04	MAT9751522	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751521	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851531	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851530	(4G4.0+(2x1.5)C)C	16.0 7.5
Basic cable				
6FX_002-5DS43				
PUR M.I.	07	MAT9851533	(4G35+(2x1.5)C)C	32.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables				
Basic cable				
6FX_002-5DS51				
PVC O.I.	04	MAT9751524	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751523	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851535	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851534	(4G6.0+(2x1.5)C)C	17.5 7.5
Basic cable				
6FX_002-5DS54				
PVC O.I.	04	MAT9751526	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751525	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851537	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851536	(4G6.0+(2x1.5)C)C	17.5 7.5
Basic cable				
6FX_002-5DS61				
PVC M.I.	05	MAT9160022	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851511	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9060022	(4G10+(2x1.5)C)C	21.0 7.5
Basic cable				
6FX_002-5DS64				
PVC M.I.	05	MAT9751527	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851539	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851538	(4G10+(2x1.5)C)C	21.0 7.5
Extension cable				
6FX_002-5DA05				
PVC O.I.	04	MAT9751509	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851512	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061001	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA15				
PVC O.I.	04	MAT9751510	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161002	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851513	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061002	(4G2.5+(2x1.5)C)C	14.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables				
Extension cable				
6FX_002-5DA28				
PVC O.I.	04	MAT9751511	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161003	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851514	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061003	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA38				
PVC O.I.	04	MAT9751512	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161004	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851515	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061004	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DA48				
PVC O.I.	04	MAT9751513	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9161005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851516	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9061005	(4G4.0+(2x1.5)C)C	16.0 7.5
Extension cable				
6FX_002-5DA58				
PVC O.I.	04	MAT9751514	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9161006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851517	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9061006	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DA68				
PVC M.I.	05	MAT9161007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851518	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061007	(4G10+(2x1.5)C)C	21.0 7.5
Extension cable				
6FX_002-5DX18				
PVC M.I.	05	MAT9161011	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851520	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061011	(4G10+(2x1.5)C)C	21.0 7.5
6FX_002-5DX28				
PVC M.I.	05	MAT9161008	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851519	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9061008	(4G16+(2x1.5)C)C	24.0 7.5
6FX_002-5DX38				
PVC M.I.	05	MAT9161009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	07	MAT9061009	(4G25+(2x1.5)C)C	28.0 7.5
6FX_002-5DX48				
PVC M.I.	05	MAT9161010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	07	MAT9061010	(4G35+(2x1.5)C)C	32.0 7.5

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Hybrid servo cables				
Basic cable				
6FX_002-8QN04				
PVC O.I.	26	New MAT97515129	(4G0,34+(2x0,34)C+(4xAWG26)C)C	10.0 10
PUR O.I.	27	MAT98515147	(4G0,34+(2x0,34)C+(4xAWG26)C)C	10.0 10
Basic cable				
6FX_002-8QN08				
PVC O.I.	26	New MAT97515130	(4G0,75+(2x0,5)C+(4xAWG26)C)C	11.0 10
PUR O.I.	27	MAT98515148	(4G0,75+(2x0,5)C+(4xAWG26)C)C	11.0 10
Basic cable				
6FX_002-8QN11				
PUR O.I.	27	MAT98515153	(4G1,5+(2x1,5)C+(4xAWG26)C)C	13.0 10
6FX_002-8QN21				
PUR O.I.	27	MAT98515154	(4G2,5+(2x1,5)C+(4xAWG26)C)C	14.5 10
Extension cable				
6FX_002-8QE04				
PVC O.I.	26	New MAT97515131	(4G0,34+(2x0,34)C+(4xAWG26)C)C	10.0 10
PUR O.I.	27	MAT98515149	(4G0,34+(2x0,34)C+(4xAWG26)C)C	10.0 10
Extension cable				
6FX_002-8QE08				
PVC O.I.	26	New MAT97515132	(4G0,75+(2x0,5)C+(4xAWG26)C)C	11.0 10
PUR O.I.	27	MAT98515150	(4G0,75+(2x0,5)C+(4xAWG26)C)C	11.0 10
Extension cable				
6FX_002-8QE11				
PUR O.I.	27	MAT98515155	(4G1,5+(2x1,5)C+(4xAWG26)C)C	13.0 10
6FX_002-8QE21				
PUR O.I.	27	MAT98515156	(4G2,5+(2x1,5)C+(4xAWG26)C)C	14.5 10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Signal cables

Basic cable



6FX8002-2CF20

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741518	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR O.I.	09	MAT9841563	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.5	10
PUR M.I.	10	MAT9841564	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9941505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Basic cable



6FX8002-2CQ31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741514	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR O.I.	09	MAT9841557	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841558	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9941503	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

Basic cable



6FX8002-2DC40

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741520	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841566	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841567	(2x(2x0.20)+(2x0.38))C	7.5	7.5

Basic cable



6FX8002-2DC42

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741522	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841569	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841570	(2x(2x0.20)+(2x0.38))C	7.5	7.5

Basic cable



6FX_002-1DC00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741506	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841532	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070032	(2x(2x0.20)+(2x0.38))C	7.5	7.5

Basic cable



6FX_002-2AD00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841501	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Signal cables

Basic cable



6FX_002-2AH00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170018	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841518	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9070018	(4x(2x0.34)+4x0.5)C	10.0	6.8

Basic cable



6FX_002-2AH11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741526	(4x(2x0.34)+4x0.5)C	9.5	10
PUR O.I.	09	MAT98415104	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT98415105	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9941507	(4x(2x0.34)+4x0.5)C	10.0	6.8

Basic cable



6FX_002-2CA11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170002	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841502	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9070002	(4x(2x0.34)+4x0.5)C	10.0	6.8

Basic cable



6FX_002-2CA15

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841503	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Basic cable



6FX_002-2CA31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9070004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

Basic cable



6FX_002-2CA51

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Signal cables				
Basic cable				
6FX_002-2CA71				
PVC	08	MAT9170006	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841506	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070006	(4x(2x0.34)+4x0.5)C	10.0 6.8
Basic cable				
6FX_002-2CB31				
PUR	13	MAT9841507	(14x0.25)C	8.0 10
TPE H*	24	MAT9070007	(12x0.25)C	9.5 5
6FX_002-2CB51				
PVC	08	MAT9170008	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841508	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070008	(4x(2x0.34)+4x0.5)C	10.0 6.8
6FX_002-2CC11				
PVC	08	MAT9170009	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841509	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070009	(4x(2x0.34)+4x0.5)C	10.0 6.8
6FX_002-2CD01				
PVC	08	MAT9170010	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841510	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070010	(4x(2x0.34)+4x0.5)C	10.0 6.8
Basic cable				
6FX_002-2CF01				
PVC	08	MAT9170021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841519	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
6FX_002-2CF02				
PVC	08	MAT9170011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841511	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
6FX_002-2CG00				
PVC	08	MAT9170012	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841512	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070012	(4x(2x0.34)+4x0.5)C	10.0 6.8

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Signal cables				
Basic cable				
6FX_002-2CH00				
PVC	08	MAT9170013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841513	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
Basic cable				
6FX_002-2CK00				
PVC	08	MAT9170014	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841514	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070014	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
6FX_002-2CL00				
PVC	08	MAT9170015	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841515	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070015	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
Basic cable				
6FX_002-2CR00				
PVC	08	MAT9741524	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415101	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415102	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941506	(4x(2x0.34)+4x0.5)C	10.0 6.8
Basic cable				
6FX_002-2CT12				
PVC	08	MAT9741531	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415111	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415112	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941509	(4x(2x0.34)+4x0.5)C	10.0 6.8
Basic cable				
6FX_002-2DB10				
PUR	MAT9821501	(4x(2x0.25)C)C	11.0	10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Signal cables				
Basic cable				
6FX_002-2DC10				
PVC	08	MAT9741504	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841530	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9070030	(2x(2x0.20)+(2x0.38))C	7.5 7.5
Extension cable				
6FX_002-2DC34				
PVC	08	MAT9741509	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT9841551	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT9841571	(2x(2x0.20)+(2x0.38))C	7.5 7.5
Basic cable				
6FX_002-2DC36				
PVC	08	MAT9741528	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR O.I.	09	MAT98415107	(2x(2x0.15)+(2x0.38))C	7.5 10
PUR M.I.	10	MAT98415108	(2x(2x0.20)+(2x0.38))C	7.5 7.5
Basic cable				
6FX_002-2EQ00				
PVC	08	MAT9170016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9070016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
Basic cable				
6FX_002-2EQ10				
PVC	08	MAT9170017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841517	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9070017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
6FX_002-2EQ20				
PVC	08	MAT9741530	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT98415109	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT98415110	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941508	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
6FX_002-2EQ31				
PVC	08	MAT9741512	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT9841554	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841555	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941502	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Signal cables				
Basic cable				
6FX_002-5BL03				
PVC M.I.	18	MAT9711502	(3G0.75)C	8.0 7.5
PUR M.I.	22	MAT9811501	(3G0.75)C	8.0 6.8
Basic cable				
6fx3002-2CT10				
PVC	08	MAT9741507	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT9841548	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841549	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941501	(4x(2x0.34)+4x0.5)C	10.0 6.8
Extension cable				
6FX8002-2CQ34				
PVC	08	MAT9741516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR O.I.	09	MAT9841560	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841561	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9941504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
Extension cable				
6FX_002-2AD04				
PVC	08	MAT9171001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841520	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9071001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
6FX_002-2AH04				
PVC	08	MAT9171018	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841529	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9071018	(4x(2x0.34)+4x0.5)C	10.0 6.8
6FX_002-2CA34				
PVC	08	MAT9171004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0 10
PUR M.I.	10	MAT9841523	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0 7.5
TPE H*	11	MAT9071004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5 6.8
6FX_002-2CA54				
PVC	08	MAT9171003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841522	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9071003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8

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igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Signal cables

Extension cable



6FX_002-2CB34

PUR	13	MAT9841525	(14x0.25)C	8.0	10
TPE H*	24	MAT9071007	(12x0.25)C	9.5	5

6FX_002-2CB54

PVC	08	MAT9171002	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841521	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071002	(4x(2x0.34)+4x0.5)C	10.0	6.8

Extension cable



6FX_002-2CC14

PVC	08	MAT9171009	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841526	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071009	(4x(2x0.34)+4x0.5)C	10.0	6.8

6FX_002-2CF04

PVC	08	MAT9171011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841527	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9071011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Extension cable



6FX_002-2DC20

PVC	08	MAT9741505	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841531	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070031	(2x(2x0.20)+(2x0.38))C	7.5	7.5

Extension cable



6FX_002-2EQ14

PVC	08	MAT9171017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841528	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9071017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8



EPLAN macros suitable for Siemens available online

Can be used directly in CAE planning.

Learn more about it on page 582/583 and online: www.igus.eu/eplan-macro



Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Signal cables DriveClik

Basic cable



6FX8002-2DC30-1AD0(3m)

PUR M.I.	10	MAT9841534	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1AF0(5m)

PUR M.I.	10	MAT9841535	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1BA0(10m)

PUR M.I.	10	MAT9841536	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1BF0(15m)

PUR M.I.	10	MAT9841537	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1CA0(20m)

PUR M.I.	10	MAT9841538	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1CF0(25m)

PUR M.I.	10	MAT9841539	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC30-1DA0(30m)

PUR M.I.	10	MAT9841540	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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Extension cable



6FX8002-2DC34-1AD0(3m)

PUR M.I.	10	MAT9841541	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1AF0(5m)

PUR M.I.	10	MAT9841542	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1BA0(10m)

PUR M.I.	10	MAT9841543	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1BF0(15m)

PUR M.I.	10	MAT9841544	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1CA0(20m)

PUR M.I.	10	MAT9841545	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1CF0(25m)

PUR M.I.	10	MAT9841546	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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6FX8002-2DC34-1DA0(30m)

PUR M.I.	10	MAT9841547	(2x(2x0.20)+(2x0.38))C	7.5	7.5
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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm ²]	[mm]	[x d]

Siemens Power cables, SpeedTec

Basic cable, SpeedTec



6FX_002-5CG10				
PVC M.I.	01	MAT9761540	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861584	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861583	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961540	(4G1.5)C	10.0 7.5
6FX_002-5CG12				
PVC M.I.	01	MAT9761541	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861586	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861585	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961541	(4G2.5)C	11.5 7.5
6FX_002-5CG22				
PVC M.I.	01	MAT9761542	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861588	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861587	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961542	(4G1.5)C	10.0 7.5
6FX_002-5CG32				
PVC M.I.	01	MAT9761543	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861590	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861589	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961543	(4G2.5)C	11.5 7.5
6FX_002-5CG42				
PVC M.I.	01	MAT9761544	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861591	(4G4.0)C	12.5 10
TPE F	02	MAT9961544	(4G4.0)C	13.0 7.5
6FX_002-5CG52				
PVC M.I.	01	MAT9761545	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861592	(4G6.0)C	14.5 10
TPE F	02	MAT9961545	(4G6.0)C	16.0 7.5
6FX_002-5CG62				
PVC M.I.	01	MAT9761546	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861593	(4G10)C	17.0 10
TPE F	02	MAT9961546	(4G10)C	18.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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 * Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
 igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm ²]	[mm]	[x d]

Siemens Power cables, SpeedTec

Basic cable, SpeedTec






6FX_002-5CN01				
PVC M.I.	01	MAT9761531	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861571	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861570	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961531	(4G1.5)C	10.0 7.5
6FX_002-5CN11				
PVC M.I.	01	MAT9761532	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861573	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861572	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961532	(4G2.5)C	11.5 7.5
6FX_002-5CN21				
PVC M.I.	01	MAT9761533	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861575	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861574	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961533	(4G1.5)C	10.0 7.5
6FX_002-5CN31				
PVC M.I.	01	MAT9761534	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861577	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861576	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961534	(4G2.5)C	11.5 7.5
6FX_002-5CN41				
PVC M.I.	01	MAT9761535	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861578	(4G4.0)C	12.5 10
TPE F	02	MAT9961535	(4G4.0)C	13.0 7.5
6FX_002-5CN51				
PVC M.I.	01	MAT9761536	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861579	(4G6.0)C	14.5 10
TPE F	02	MAT9961536	(4G6.0)C	16.0 7.5
6FX_002-5CN54				
PVC M.I.	01	MAT9761537	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861580	(4G6.0)C	14.5 10
TPE F	02	MAT9961537	(4G6.0)C	16.0 7.5

Basic cable, SpeedTec




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* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Power cables, SpeedTec				
Basic cable, SpeedTec				
				
6FX_002-5CN61				
PVC M.I.	01	MAT9761538	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861581	(4G10)C	17.0 10
TPE F	02	MAT9961538	(4G10)C	18.5 7.5
Basic cable, SpeedTec				
				
6FX_002-5CN64				
PVC M.I.	01	MAT9761539	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861582	(4G10)C	17.0 10
TPE F	02	MAT9961539	(4G10)C	18.5 7.5
Basic cable, SpeedTec				
				
6FX_002-5CQ01				
PVC M.I.	01	MAT9761524	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861560	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861559	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961524	(4G1.5)C	10.0 7.5
6FX_002-5CQ11				
PVC M.I.	01	MAT9761525	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861562	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861561	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961525	(4G2.5)C	11.5 7.5
6FX_002-5CQ21				
PVC M.I.	01	MAT9761526	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861564	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861563	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961526	(4G1.5)C	10.0 7.5
6FX_002-5CQ31				
PVC M.I.	01	MAT9761527	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861566	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861565	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961527	(4G2.5)C	11.5 7.5
6FX_002-5CQ41				
PVC M.I.	01	MAT9761528	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861567	(4G4.0)C	12.5 10
TPE F	02	MAT9961528	(4G4.0)C	13.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core
* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Power cables, SpeedTec				
6FX_002-5CQ51				
PVC M.I.	01	MAT9761529	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861568	(4G6.0)C	14.5 10
TPE F	02	MAT9961529	(4G6.0)C	16.0 7.5
6FX_002-5CQ61				
PVC M.I.	01	MAT9761530	(4G10)C	18.5 7.5
PUR O.I.	06	MAT9861569	(4G10)C	17.0 10
TPE F	02	MAT9961530	(4G10)C	18.5 7.5
Extension cable, SpeedTec				
				
6FX_002-5CN05				
PVC M.I.	01	MAT9761522	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861556	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861555	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961522	(4G1.5)C	10.0 7.5
6FX_002-5CQ15				
PVC M.I.	01	MAT9761523	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861558	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861557	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961523	(4G2.5)C	11.5 7.5
6FX_002-5CQ28				
PVC M.I.	01	MAT9761547	(4G1.5)C	10.0 7.5
PUR O.I.	06	MAT9861595	(4G1.5)C	9.0 10
PUR M.I.	07	MAT9861594	(4G1.5)C	11.0 7.5
TPE F	02	MAT9961547	(4G1.5)C	10.0 7.5
6FX_002-5CQ38				
PVC M.I.	01	MAT9761548	(4G2.5)C	11.5 7.5
PUR O.I.	06	MAT9861597	(4G2.5)C	10.5 10
PUR M.I.	07	MAT9861596	(4G2.5)C	12.5 7.5
TPE F	02	MAT9961548	(4G2.5)C	11.5 7.5
6FX_002-5CQ48				
PVC M.I.	01	MAT9761549	(4G4.0)C	13.0 7.5
PUR O.I.	06	MAT9861598	(4G4.0)C	12.5 10
TPE F	02	MAT9961549	(4G4.0)C	13.0 7.5
6FX_002-5CQ58				
PVC M.I.	01	MAT9761550	(4G6.0)C	16.0 7.5
PUR O.I.	06	MAT9861599	(4G6.0)C	14.5 10
TPE F	02	MAT9961550	(4G6.0)C	16.0 7.5
6FX_002-5CQ68				
PVC M.I.	01	MAT9761551	(4G10)C	18.5 7.5
PUR O.I.	06	MAT98615100	(4G10)C	17.0 10
TPE F	02	MAT9961551	(4G10)C	18.5 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.
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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 961

* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables, SpeedTec				
Basic cable, SpeedTec				
6FX_002-5DG10				
PVC O.I.	04	MAT9751589	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751588	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT98515107	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT98515106	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DG12				
PVC O.I.	04	MAT9751593	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751592	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515111	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515110	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DG22				
PVC O.I.	04	MAT9751591	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751590	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT98515109	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT98515108	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DG32				
PVC O.I.	04	MAT9751595	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751594	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515113	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515112	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DG42				
PVC O.I.	04	MAT9751597	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751596	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT98515115	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT98515114	(4G4.0+(2x1.5)C)C	16.0 7.5
6FX_002-5DG52				
PVC O.I.	04	MAT9751599	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751598	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT98515117	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT98515116	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DG62				
PVC M.I.	05	MAT97515100	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT98515119	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT98515118	(4G10+(2x1.5)C)C	21.0 7.5

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* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables, SpeedTec				
Basic cable, SpeedTec				
6FX_002-5DN01				
PVC O.I.	04	MAT9751571	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751570	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851589	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851588	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DN11				
PVC O.I.	04	MAT9751573	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751572	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851591	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851590	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DN21				
PVC O.I.	04	MAT9751575	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751574	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851593	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851592	(4G1.5+(2x1.5)C)	13.0 7.5
Basic cable, SpeedTec				
6FX_002-5DN27				
PVC O.I.	04	MAT97515128	(4G1.5+(2x1.5)C)	12.5 10
PUR O.I.	06	MAT98515152	(4G1.5+(2x1.5)C)	12.5 10
Basic cable, SpeedTec				
6FX_002-5DN31				
PVC O.I.	04	MAT9751577	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751576	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851595	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851594	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DN41				
PVC O.I.	04	MAT9751579	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751578	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851597	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851596	(4G4.0+(2x1.5)C)C	16.0 7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Servo cables, SpeedTec

Basic cable, SpeedTec



6FX_002-5DN51

PVC O.I.	04	MAT9751581	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751580	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851599	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851598	(4G6.0+(2x1.5)C)C	17.5	7.5

Basic cable, SpeedTec



6FX_002-5DN54

PVC O.I.	04	MAT9751583	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751582	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515101	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515100	(4G6.0+(2x1.5)C)C	17.5	7.5

Basic cable, SpeedTec



6FX_002-5DN61

PVC M.I.	05	MAT9751584	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515103	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515102	(4G10+(2x1.5)C)C	21.0	7.5

Basic cable, SpeedTec



6FX_002-5DN64

PVC M.I.	05	MAT9751586	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515105	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515104	(4G10+(2x1.5)C)C	21.0	7.5

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* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant
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* Technical information on the cable quality (Code **01-31**): ▶ Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
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Siemens Servo cables, SpeedTec

Basic cable, SpeedTec



6FX_002-5DQ01

PVC O.I.	04	MAT9751557	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751556	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851575	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851574	(4G1.5+(2x1.5)C)	13.0	7.5

6FX_002-5DQ11

PVC O.I.	04	MAT9751559	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751558	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851577	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851576	(4G2.5+(2x1.5)C)C	14.5	7.5

6FX_002-5DQ21

PVC O.I.	04	MAT9751561	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751560	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851579	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851578	(4G1.5+(2x1.5)C)	13.0	7.5

6FX_002-5DQ31

PVC O.I.	04	MAT9751563	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751562	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851581	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851580	(4G2.5+(2x1.5)C)C	14.5	7.5

6FX_002-5DQ41

PVC O.I.	04	MAT9751565	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751564	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851583	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851582	(4G4.0+(2x1.5)C)C	16.0	7.5

6FX_002-5DQ51

PVC O.I.	04	MAT9751567	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751566	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851585	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851584	(4G6.0+(2x1.5)C)C	17.5	7.5

6FX_002-5DQ61

PVC M.I.	05	MAT9751568	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851587	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851586	(4G10+(2x1.5)C)C	21.0	7.5

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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Siemens Servo cables, SpeedTec				
Extension cable, SpeedTec				
6FX_002-5DN05				
PVC O.I.	04	MAT9751544	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751543	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851561	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851560	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DN15				
PVC O.I.	04	MAT9751546	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751545	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851563	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851562	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ15				
PVC O.I.	04	MAT97515122	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT97515123	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515142	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515143	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ28				
PVC O.I.	04	MAT9751548	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751547	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851565	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851564	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DQ38				
PVC O.I.	04	MAT9751550	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751549	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851567	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851566	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ48				
PVC O.I.	04	MAT9751552	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751551	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851569	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851568	(4G4.0+(2x1.5)C)C	16.0 7.5
6FX_002-5DQ58				
PVC O.I.	04	MAT9751554	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751553	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851571	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851570	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DQ68				
PVC M.I.	05	MAT9751555	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851573	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851572	(4G10+(2x1.5)C)C	21.0 7.5

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* Technical information on the cable quality (Code **01-31**): ► Page 578-581

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Stöber Servo cables				
Basic cable				
Gr.1-Motor-1,0mm²				
PVC O.I.	04	MAT9751601	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
PUR O.I.	06	MAT9851601	(4G1.0+2x(2x0.75)C)C	13.0 10
PUR M.I.	07	MAT9420001	(4G1.0+2x(2x0.75)C)C	13.5 7.5
Gr.1-Motor-1,5mm²				
PVC O.I.	04	MAT9751602	(4G1.5+2x(2x0.75)C)C	13.5 10
PVC M.I.	05	MAT9430002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
PUR O.I.	06	MAT9851602	(4G1.5+2x(2x0.75)C)C	13.5 10
PUR M.I.	07	MAT9420002	(4G1.5+2x(2x0.75)C)C	14.5 7.5
Gr.1-Motor-2,5mm²				
PVC O.I.	04	MAT9751603	(4G2.5+2x(2x1.5)C)C	16.0 10
PVC M.I.	05	MAT9430003	(4G2.5+2x(2x1.5)C)C	17.0 7.5
PUR O.I.	06	MAT9851603	(4G2.5+2x(2x1.5)C)C	16.0 10
PUR M.I.	07	MAT9420003	(4G2.5+2x(2x1.5)C)C	16.0 7.5
Gr.1-Motor-4,0mm²				
PVC O.I.	04	MAT9751604	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430004	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851604	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420004	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Basic cable				
Gr.1,5-Motor-4,0mm²				
PVC O.I.	04	MAT9751605	(4G4.0+2x(2x1.5)C)C	17.0 10
PVC M.I.	05	MAT9430005	(4G4.0+2x(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851605	(4G4.0+2x(2x1.5)C)C	17.0 10
PUR M.I.	07	MAT9420005	(4G4.0+2x(2x1.5)C)C	17.5 7.5
Gr.1,5-Motor-6,0mm²				
PVC O.I.	04	MAT9751606	(4G6.0+2x(2x1.5)C)C	19.0 10
PVC M.I.	05	MAT9430006	(4G6.0+2x(2x1.5)C)C	21.0 7.5
PUR O.I.	06	MAT9851606	(4G6.0+2x(2x1.5)C)C	19.0 10
PUR M.I.	07	MAT9420006	(4G6.0+2x(2x1.5)C)C	19.5 7.5
Gr.1,5-Motor-10,0mm²				
PVC M.I.	05	MAT9430007	(4G10+2x(2x1.5)C)C	23.0 7.5
PUR O.I.	06	MAT9851607	(4G10+2x(2x1.5)C)C	22.5 10
PUR M.I.	07	MAT9420007	(4G10+2x(2x1.5)C)C	22.5 7.5

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Cable quality	Part No.	Number of cores and conductor nominal cross section [mm ²]	Ø [mm]	R min. [x d]
Stöber Encoder cables				
iSDS4000 Basic cable				
Encoder ED/EK iSDS4000				
PVC	08	MAT9431001	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT9941601	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841601	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9421001	(4x(2x0.34)+4x0.5)C	10.0 6.8
iSDS4000 Basic cable				
Encoder ES iSDS4000				
PUR O.I.	09	MAT9941602	((4x0.25)+3x(2x0.25+2x0.5))C	9.5 10
PUR M.I.	10	MAT9841602	((4x0.25)+3x(2x0.25+2x0.5))C	11.0 7.5
TPE H*	11	MAT9421002	((4x0.25)+3x(2x0.25+2x0.5))C	10.0 6.8
iHTL Basic cable				
Encoder HTL				
PVC	08	MAT9431006	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841606	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421006	(4x(2x0.25)+2x0.5)C	8.5 6.8
iMDS5000 Basic cable				
Encoder iMDS5000				
PVC	08	MAT9431004	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841604	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421004	(4x(2x0.25)+2x0.5)C	8.5 6.8
iMDS5000 Basic cable				
Resolver iMDS5000				
PVC	08	MAT9431005	(3x(2x0.25))C	9.0 10
PUR M.I.	10	MAT9841605	(3x(2x0.25))C	7.5 7.5
TPE H*	11	MAT9421005	(3x(2x0.25))C	7.5 6.8
iSDS4000 Basic cable				
Resolver iSDS4000				
PVC	08	MAT9431003	(4x(2x0.25)+2x0.5)C	8.0 10
PUR M.I.	10	MAT9841603	(4x(2x0.25)+2x0.5)C	8.5 7.5
TPE H*	11	MAT9421003	(4x(2x0.25)+2x0.5)C	8.5 6.8

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