

... harnessed cables for drive technology ...
chainflex® readycable®

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

... harnessed cables for drive technology ...
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	CF113	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	6.5.3	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 [x d]	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	10 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-/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]	600/1000	600/1000	600/1000	600/1000	600/1000	600/1000	600/1000	50	50	50	50	50	300/300	300/300	300/300	300/300
Farbe	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	Anthracite grey	Steel blue
CE/CEI																
RoHS																
CleanRoom																
EAC/CTP																
UL/CSA + NFPA																
Desina																
More Information																
► Catalogue page	296	316	322	252	260	266	274	216	226	232	238	174	120	124	-	132
www.igus.eu/	CF31	CF35UL	CF38	CF210UL	CF21UL	CF270ULD	CF27D	CF211M	CF111D	CF113D	CF11D	CFBUS	CF240PUR	CF211	CF113	CF11

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	17	18	19	20	21	22	23		24	25	26	27	28	29	30	31	32
chainflex® series	CF130.UL	CF140.UL	CF5	CF6	CF77.UL.D	CF78.UL	CF9		CF10	CF9.UL	CF211.PUR	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	5.5.3.1	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	PUR	PVC	PUR	PVC	PUR	PVC	TPE
Shielded		✓		✓		✓			✓		✓	✓	✓	✓	✓	✓	✓
Minimum bend radius [x d]	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	7.5 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	≤ 100	≤ 10	≤ 10	≤ 20	≤ 20	≤ 50	≤ 400
Oil-resistant			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant					✓	✓					✓	✓	✓		✓		✓
Flame-retardant	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	
Halogen-free					✓	✓	✓		✓				✓		✓		✓
Notch-resistant					✓	✓					✓		✓		✓		
Hydrolysis-/microbe-resistant					✓	✓	✓		✓	✓	✓		✓		✓		✓
Temperature, from/to [°C]	+5/+70	+5/+70	+5/+70	+5/+70	-25/+80	-25/+80	-35/+100		-35/+100	-35/+100	-25/+80	+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	300/300	600/1000	600/1000	50	50	300/300	600/1000
Farbe	Silver grey	Silver grey	Moss green	Moss green	Window grey	Window grey	Steel blue		Steel blue	Slate grey	Silver grey	Pastel orange	Pastel orange	Red lilac	Red lilac	Silver grey	Pastel orange
CE/CEI																	
RoHS																	
CleanRoom																	
EAC/CTP																	
UL/CSA + NFPA																	
Desina																	
More Information																	
► Catalogue page	50	54	58	62	78	82	90		94	98	128	256	270	162	170	116	278
www.igus.eu/	CF130	CF140	CF5	CF6	CF77	CF78	CF9		CF10	CF9UL	CF211PUR	CF220ULH	CF280ULH	CFBUSPVC	CFBUSPUR	CF240	CF29.D

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Kollmorgen/Danaher Motion Signal cables						
Basic cable						
85041 (15 m)	PVC	MAT9320025	(6x(2x0.25))C	9.0	7.5	14
	PUR	MAT9840612	(6x(2x0.25))C	10.0	10	15
	TPE	MAT9330025	(6x(2x0.25))C	10.0	6.8	16
85042 (20 m)	PVC	MAT9320026	(6x(2x0.25))C	9.0	7.5	14
	PUR	MAT9840613	(6x(2x0.25))C	10.0	10	15
	TPE	MAT9330026	(6x(2x0.25))C	10.0	6.8	16



Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image
igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Lenze Servo cables						
Basic cable						
EWLMxxxGMS-015C	PVC	MAT9751101	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130001	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851101	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120001	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EWLMxxxGMS-025	PVC	MAT9751102	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130002	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851102	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120002	(4G2.5+(2x1.5)C)C	14.5	7.5	07
EWLMxxxGMS-040I	PVC	MAT9751130	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751129	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851130	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851129	(4G4.0+(2x1.5)C)C	16.0	7.5	07
EYP0010AxxxxA00P01	PVC	MAT9751116	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130063	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851118	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120063	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EYP0010AxxxxM01A00	PVC	MAT9751107	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130050	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851105	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120050	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EYP0011AxxxxA00P01	PVC	MAT9751117	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130064	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851119	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120064	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EYP0011AxxxxM01A00	PVC	MAT9751108	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130051	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851106	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120051	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EYP0012AxxxxA00P01	PVC	MAT9751118	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130065	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851120	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120065	(4G2.5+(2x1.5)C)C	14.5	7.5	07
EYP0012AxxxxA00P02	PVC	MAT9751113	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130058	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851113	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120058	(4G2.5+(2x1.5)C)C	14.5	7.5	07

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Harnessed drive cables | Lenze

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Lenze Servo cables

Basic cable



EYP0012AxxxxM01A00	PVC	MAT9751109	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130052	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851107	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120052	(4G2.5+(2x1.5)C)C	14.5	7.5	07
EYP0012AxxxxM02A00	PVC	MAT9751110	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130053	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851108	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120053	(4G2.5+(2x1.5)C)C	14.5	7.5	07
EYP0013AxxxxA00P02	PVC	MAT9751114	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9130059	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851114	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9120059	(4G4.0+(2x1.5)C)C	16.0	7.5	07
EYP0013AxxxxM02A00	PVC	MAT9751111	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9130054	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851109	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9120054	(4G4.0+(2x1.5)C)C	16.0	7.5	07
EYP0014AxxxxA00P03	PVC	MAT9751115	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9130060	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851115	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9120060	(4G6.0+(2x1.5)C)C	18.0	7.5	07
EYP0014AxxxxM03A00	PVC	MAT9751112	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9130055	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PVC	MAT9851110	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9120055	(4G6.0+(2x1.5)C)C	18.0	7.5	07
EYP0015AxxxxA00P03	PVC	MAT9130061	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851116	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9120061	(4G10.0+(2x1.5)C)C	21.0	7.5	07
EYP0015AxxxxM03A00	PVC	MAT9130056	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851111	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9120056	(4G10.0+(2x1.5)C)C	21.0	7.5	07
EYP0016AxxxxA00P03	PVC	MAT9130062	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851117	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9120062	(4G16.0+(2x1.5)C)C	24.5	7.5	07
EYP0016AxxxxM03A00	PVC	MAT9130057	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851112	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9120057	(4G16.0+(2x1.5)C)C	24.5	7.5	07

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Harnessed drive cables | Lenze

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Lenze Servo cables

Linking cable



EWLMxxxZM-015C	PVC	MAT9751103	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130006	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851103	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120006	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EWLMxxxZM-025	PVC	MAT9751104	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130007	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851104	(4G2.5+(2x1.5)C)C	14.0	10	06
EYP0010VxxxxM01P01	PUR	MAT9120007	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	PVC	MAT9751122	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9130071	(4G1.5+(2x1.5)C)C	13.0	7.5	05
EYP0011VxxxxM01P01	PUR	MAT9851126	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120071	(4G1.5+(2x1.5)C)C	13.0	7.5	07
	PVC	MAT9751123	(4G1.5+(2x1.5)C)C	12.0	10	04
EYP0012VxxxxM01P01	PVC	MAT9130072	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851127	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9120072	(4G1.5+(2x1.5)C)C	13.0	7.5	07
EYP0012VxxxxM01P01	PVC	MAT9751124	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130073	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851128	(4G2.5+(2x1.5)C)C	14.0	10	06
EYP0012VxxxxM02P02	PUR	MAT9120073	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	PVC	MAT9751119	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9130066	(4G2.5+(2x1.5)C)C	14.5	7.5	05
EYP0013VxxxxM02P02	PUR	MAT9851121	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9120066	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	PVC	MAT9751120	(4G4.0+(2x1.5)C)C	15.0	10	04
EYP0014VxxxxM03P03	PVC	MAT9130067	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851122	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9120067	(4G4.0+(2x1.5)C)C	16.0	7.5	07
EYP0015VxxxxM03P03	PVC	MAT9751121	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9130068	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851123	(4G6.0+(2x1.5)C)C	16.5	10	06
EYP0015VxxxxM03P03	PUR	MAT9120068	(4G6.0+(2x1.5)C)C	18.0	7.5	07
	PVC	MAT9130069	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851124	(4G10.0+(2x1.5)C)C	20.5	10	06
EYP0016VxxxxM03P03	PUR	MAT9120069	(4G10.0+(2x1.5)C)C	21.0	7.5	07
	PVC	MAT9130070	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851125	(4G16.0+(2x1.5)C)C	24.0	10	06
EYP0016VxxxxM03P03	PUR	MAT9120070	(4G16.0+(2x1.5)C)C	24.5	7.5	07

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Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Lenze Fan cables

Basic cable



EWLLxxxGMS	PVC	MAT9761101	3G1.0	6.5	7.5	17
	PVC	MAT9130031	3G1.0	6.5	6.8	19
	TPE	MAT9120031	3G1.0	6.0	5	23
	TPE	MAT9961101	3G1.0	7.5	5	25
EYL002AxxxxL01A00	PVC	MAT9130040	5G1.0	8.0	6.8	19
	TPE	MAT9120040	5G1.0	7.5	5	23
EYL002AxxxxL02A00	PVC	MAT9130041	5G1.0	8.0	6.8	19
	TPE	MAT9120041	5G1.0	7.5	5	23

Linking cable



EWLLxxxZM	PVC	MAT9761102	3G1.0	6.5	7.5	17
	PVC	MAT9130032	3G1.0	6.5	6.8	19
	TPE	MAT9120032	3G1.0	6.0	5	23
	TPE	MAT9961102	3G1.0	7.5	5	25
EYL002VxxxxL01J01	PVC	MAT9130044	5G1.0	8.0	6.8	19
	TPE	MAT9120044	5G1.0	7.5	5	23
EYL002VxxxxL02J02	PVC	MAT9130045	5G1.0	8.0	6.8	19
	TPE	MAT9120045	5G1.0	7.5	5	23

Extension cable



EYL002VxxxxA00J01	PVC	MAT9130042	5G1.0	8.0	6.8	19
	TPE	MAT9120042	5G1.0	7.5	5	23
EYL002VxxxxA00J02	PVC	MAT9130043	5G1.0	8.0	6.8	19
	PUR	MAT9861110	5G1.0	8.0	6.8	21
	TPE	MAT9120043	5G1.0	7.5	5	23
	TPE	MAT9961106	5G1.0	9.0	5	25

Lenze Decoder cables

Linking cable



EYD0017AxxxxW01S01	PVC	MAT9130100	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9841107	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120100	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Lenze Decoder cables

Linking cable



EYD0017AxxxxW01S02	PVC	MAT9130101	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9841108	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120101	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

Linking cable



EYD0017AxxxxW03S01	PVC	MAT9130102	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9841109	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120102	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

Linking cable



EYD0017AxxxxW03S02	PVC	MAT9130103	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9841110	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120103	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

Lenze Encoder cables

Basic cable



EWLExxxGM-T	PVC	MAT9130026	(4x(2x0.25)+2x1.0)C	8.5	10	08
	PUR	MAT9841104	(4x(2x0.25)+2x1.0)C	9.5	7.5	10
	TPE	MAT9120026	(4x(2x0.25)+2x1.0)C	9.5	7.5	11

Linking cable



EWLExxxZMST	PVC	MAT9130027	(4x(2x0.25)+2x1.0)C	8.5	10	08
	PUR	MAT9841105	(4x(2x0.25)+2x1.0)C	9.5	7.5	10
	TPE	MAT9120027	(4x(2x0.25)+2x1.0)C	9.5	7.5	11

Terminal box connection cable



EWLExxxGX-T	PVC	MAT9130028	(4x(2x0.25)+2x1.0)C	8.5	10	08
	PUR	MAT9841106	(4x(2x0.25)+2x1.0)C	9.5	7.5	10
	TPE	MAT9120028	(4x(2x0.25)+2x1.0)C	9.5	7.5	11

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø Minimum bend radius		Cable page 498-501
				[mm]	[x d]	
Lenze Feedback cables						
Basic cable						
EYF0017AxxxxA00W02	PUR	MAT9121091	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
Basic cable						
EYF0018AxxxxA00S03	PVC	MAT9130095	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	PUR	MAT9121095	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
	TPE	MAT9120095	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
Basic cable						
EYF0018AxxxxA00W02	PVC	MAT9130091	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	TPE	MAT9120091	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
Basic cable						
EYF0018AxxxxF02S03	PVC	MAT9130088	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	TPE	MAT9120088	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
Basic cable						
EYF0018AxxxxF02W02	PVC	MAT9130087	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	PUR	MAT9121087	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
	TPE	MAT9120087	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
Basic cable						
EYF0019AxxxxF02S03	PUR	MAT9121088	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
Basic cable						
EYF0020AxxxxA00S04	PVC	MAT9130092	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121092	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120092	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø Minimum bend radius		Cable page 498-501
				[mm]	[x d]	
Lenze Feedback cables						
Basic cable						
EYF0020AxxxxA00S05	PVC	MAT9130093	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121093	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120093	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11
Basic cable						
EYF0020AxxxxF01S04	PVC	MAT9130089	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121089	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120089	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11
Basic cable						
EYF0020AxxxxF01S05	PVC	MAT9130090	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121090	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120090	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11
Basic cable						
EYF0021AxxxxA00S03	PUR	MAT9121094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	10
	TPE	MAT9120094	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	11
Basic cable						
EYF0021AxxxxF03S03	PUR	MAT9121086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	10
	TPE	MAT9120086	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	11
EYF0021AxxxxF07S03	PUR	MAT9841111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	10
	TPE	MAT9941111	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	11
Linking cable						
EYF0019VxxxxF02G02	PVC	MAT9130084	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	PUR	MAT9121084	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
	TPE	MAT9120084	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
EYF0019VxxxxF06G07	PUR	MAT9121096	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
	TPE	MAT9120096	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
EYF0020VxxxxF01G01	PVC	MAT9130083	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121083	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120083	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Lenze

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm]	[x d]	

Lenze Feedback cables

Linking cable



EYF0022VxxxxF03G03	PUR	MAT9121085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	10
	TPE	MAT9120085	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	11

Extension cable



EYF0019VxxxxA00G02	PVC	MAT9130081	4x(2x0.14)C+2x(1.0)C	9.5	10	08
	PUR	MAT9121081	4x(2x0.14)C+2x(1.0)C	10.0	7.5	10
	TPE	MAT9120081	4x(2x0.14)C+2x(1.0)C	10.0	7.5	11
EYF0020VxxxxA00G01	PVC	MAT9130080	3x(2x0.14)C+(3x0.14)C	8.0	10	08
	PUR	MAT9121080	3x(2x0.14)C+(3x0.14)C	8.0	7.5	10
	TPE	MAT9120080	3x(2x0.14)C+(3x0.14)C	8.0	7.5	11
EYF0022VxxxxA00G03	PUR	MAT9121082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	10
	TPE	MAT9120082	3x(2x0.14)C+(4x0.14)C+2x(2x0.5)C	11.5	7.5	11

Lenze Resolver cables

Basic cable



EWLRxxxGM-T	PVC	MAT9130021	(3x(2x0.14)C+2x(0.5)C)C	9.5	10	08
	PUR	MAT9841101	(3x(2x0.14)C+(2x0.5)C)C	11.0	7.5	10
	TPE	MAT9120021	(3x(2x0.14)C+(2x0.5)C)C	10.5	7.5	11

Linking cable



EWLRxxxZMST	PVC	MAT9130022	(3x(2x0.14)C+2x(0.5)C)C	9.5	10	08
	PUR	MAT9841102	(3x(2x0.14)C+(2x0.5)C)C	11.0	7.5	10
	TPE	MAT9120022	(3x(2x0.14)C+(2x0.5)C)C	10.5	7.5	11

Terminal box connection cable



EWLRxxxGX-T	PVC	MAT9130023	(3x(2x0.14)C+2x(0.5)C)C	9.5	10	08
	PUR	MAT9841103	(3x(2x0.14)C+(2x0.5)C)C	11.0	7.5	10
	TPE	MAT9120023	(3x(2x0.14)C+(2x0.5)C)C	10.5	7.5	11

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | LinMot

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm]	[x d]	

LinMot Motor cables

Basic cable



P10-70x...-D01/D02-MS	PVC	MAT9762401	(4G1.5)C	10.5	7.5	01
	PUR	MAT9862401	(4G1.5)C	9.5	10	06
	PUR	MAT9862402	(4G1.5)C	10.5	7.5	07

LinMot Servo cables

Basic cable



P10-70x...-D03-MS	PVC	MAT9752401	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9752402	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9852402	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9852401	(4G1.5+(2x1.5)C)C	13.0	7.5	07

LinMot Encoder cables

Basic cable



P10-70x...D0x-SMC20	MAT9842401
P10-70x...D0x-SME20	MAT9842402

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G = with green-yellow earth core x = without earth core