

... 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 |

Harnessed drive cables | Berger Lahr

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] | |

Berger Lahr Servo cables

Basic cable



| | | | | | | |
|--------------|-----|-------------|-------------------|------|-----|----|
| VW3M5101Rxxx | PVC | MAT94503001 | (4G1.5+(2x1.5)C)C | 12.0 | 10 | 04 |
| | PVC | MAT94502001 | (4G1.5+(2x1.5)C)C | 13.0 | 7.5 | 05 |
| | PUR | MAT94501001 | (4G1.5+(2x1.5)C)C | 12.0 | 10 | 06 |
| | PUR | MAT94500001 | (4G1.5+(2x1.5)C)C | 13.0 | 7.5 | 07 |
| VW3M5102Rxxx | PVC | MAT94503002 | (4G2.5+(2x1.5)C)C | 14.0 | 10 | 04 |
| | PVC | MAT94502003 | (4G2.5+(2x1.5)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT94501003 | (4G2.5+(2x1.5)C)C | 14.0 | 10 | 06 |
| | PUR | MAT94500003 | (4G2.5+(2x1.5)C)C | 14.5 | 7.5 | 07 |

Berger Lahr Resolver cables

Basic cable



| | | | | | | |
|--------------|-----|-------------|---------------------|------|-----|----|
| VW3M8101Rxxx | PVC | MAT94603001 | (4x(2x0.34)+4x0.5)C | 9.0 | 10 | 08 |
| | PUR | MAT94601001 | (4x(2x0.34)+4x0.5)C | 10.5 | 7.5 | 10 |
| | TPE | MAT94600001 | (4x(2x0.34)+4x0.5)C | 10.5 | 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 | Bosch Rexroth

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] | |

Bosch Rexroth Power cables

Basic cable



| | | | | | | |
|---------|-----|------------|----------------------|------|-----|----|
| IKG0331 | PVC | MAT9190014 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 05 |
| | PUR | MAT9090014 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 07 |
| IKG4008 | PVC | MAT9190064 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851315 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| IKG4009 | PUR | MAT9090064 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9190001 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| IKG4009 | PUR | MAT9851316 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090001 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4017 | PVC | MAT9190002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851317 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| IKG4017 | PUR | MAT9090002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9190003 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| IKG4018 | PUR | MAT9851318 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090003 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4020 | PVC | MAT9190004 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851319 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| IKG4020 | PUR | MAT9090004 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9751309 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| IKG4055 | PVC | MAT9190005 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851320 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| IKG4055 | PUR | MAT9090005 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751310 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| IKG4060 | PVC | MAT9190006 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851321 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| IKG4060 | PUR | MAT9090006 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751311 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| IKG4067 | PVC | MAT9190007 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851322 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| IKG4067 | PUR | MAT9090007 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| | PVC | MAT9751312 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| IKG4070 | PVC | MAT9190008 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851323 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| IKG4070 | PUR | MAT9090008 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| | PVC | MAT9751313 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| IKG4072 | PVC | MAT9190068 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851324 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| IKG4072 | PUR | MAT9090068 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |

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] | |
| Bosch Rexroth Power cables | | | | | | |
| Basic cable | | | | | | |
| IKG4087 | PVC | MAT9751314 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190009 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851325 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090009 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| IKG4090 | PVC | MAT9751315 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190010 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851326 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090010 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| IKG4100 | PVC | MAT9190020 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851327 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090020 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4103 | PVC | MAT9751316 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190076 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851328 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090076 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4107 | PVC | MAT9751317 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190011 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851329 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090011 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4118 | PVC | MAT9751318 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190070 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851330 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090070 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4119 | PVC | MAT9190027 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851331 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090027 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4147 | PVC | MAT9751319 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190038 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851332 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090038 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4150 | PVC | MAT9751320 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190012 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851333 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090012 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4155 | PVC | MAT9751321 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190028 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851334 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090028 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |

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* 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] | |
| Bosch Rexroth Power cables | | | | | | |
| Basic cable | | | | | | |
| IKG4164 | PVC | MAT9190035 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT9851335 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| | PUR | MAT9090035 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| | PUR | MAT9190013 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| IKG4167 | PVC | MAT9851336 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| | PUR | MAT9090013 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| IKG4172 | PVC | MAT9190069 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT9851337 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| IKG4173 | PUR | MAT9090069 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |
| | PVC | MAT9190072 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| IKG4173 | PUR | MAT9851338 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT9090072 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |
| IKG4186 | PVC | MAT9190021 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT9851339 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| | PUR | MAT9090021 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |
| IKG4200 | PVC | MAT9190032 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT9851340 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| | PUR | MAT9090032 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |
| IKG4204 | PVC | MAT9190052 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| | PUR | MAT9851341 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT9090052 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |
| IKL0001 | PVC | MAT9190022 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851301 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090022 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKL0002 | PVC | MAT9751354 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851385 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9190067 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKL0006 | PVC | MAT9851384 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851302 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090067 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKL0011 | PVC | MAT9190023 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851303 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090023 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKL0012 | PVC | MAT9751355 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851387 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9851386 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |

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] | |
| Bosch Rexroth Power cables | | | | | | |
| Basic cable | | | | | | |
| IKL0021 | PVC | MAT9751301 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190024 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851304 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9090024 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| IKL0022 | PVC | MAT9751357 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9751356 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851389 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9851388 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| IKL0041 | PVC | MAT9751302 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190017 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851305 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090017 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| IKL0042 | PVC | MAT9751303 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190077 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851306 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090077 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| IKL0061 | PVC | MAT9751304 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190018 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851307 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090018 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| IKL0081 | PVC | MAT9751305 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190030 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851308 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090030 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKL0101 | PVC | MAT9751306 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190025 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851309 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090025 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKL0121 | PVC | MAT9190019 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT9851310 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| | PUR | MAT9090019 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| IKL0161 | PVC | MAT9190063 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| | PUR | MAT9851311 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT9090063 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |

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] | |
| Bosch Rexroth Power cables | | | | | | |
| Basic cable | | | | | | |
| RKL0006 | PVC | MAT9751359 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851393 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9851392 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PUR | MAT9751360 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 05 |
| RKL0013 | PVC | MAT9751360 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 05 |
| | PUR | MAT9851394 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 07 |
| RKL0014 | PVC | MAT9751361 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851396 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| RKL0019 | PUR | MAT9851395 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9751362 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851398 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| RKL0053 | PUR | MAT9851397 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751364 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT98513100 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| RKL0054 | PUR | MAT9851399 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9751366 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9751365 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| RKL0054 | PUR | MAT98513102 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT98513101 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PUR | MAT9751326 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| RKL4300 | PVC | MAT9751326 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190071 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851349 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| RKL4301 | PUR | MAT9090071 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751327 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190037 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| RKL4301 | PUR | MAT9851350 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9090037 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PUR | MAT9751327 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| RKL4302 | PVC | MAT9190026 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851351 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090026 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| RKL4303 | PVC | MAT9190029 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851352 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9090029 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| RKL4306 | PUR | MAT9751328 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9751328 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190040 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851353 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| PUR | MAT9090040 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 | |

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] | |

Bosch Rexroth Power cables

Basic cable



| | | | | | | |
|---------|-----|------------|----------------------|------|-----|----|
| RKL4307 | PVC | MAT9751329 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190041 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851354 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9090041 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| RKL4308 | PVC | MAT9751330 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190033 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851355 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090033 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4309 | PVC | MAT9751331 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190042 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851356 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090042 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4310 | PVC | MAT9751332 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190043 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851357 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090043 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4313 | PVC | MAT9751333 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190062 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851358 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090062 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4314 | PVC | MAT9751334 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190060 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851359 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090060 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4315 | PVC | MAT9751335 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190059 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851360 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090059 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4317 | PVC | MAT9751336 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190061 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851361 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090061 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| RKL4318 | PVC | MAT9751337 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190047 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851362 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090047 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |

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] | |

Bosch Rexroth Power cables

Basic cable



| | | | | | | |
|---------|---------|------------|----------------------|----------------------|------|----|
| RKL4320 | PVC | MAT9751338 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9190039 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851363 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9090039 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| RKL4321 | PVC | MAT9751339 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190075 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851364 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090075 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4322 | PVC | MAT9751340 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190078 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851365 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090078 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4323 | PVC | MAT9751341 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190073 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851366 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090073 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| RKL4324 | PVC | MAT9190079 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT9851367 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| | PUR | MAT9090079 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| | RKL4325 | PVC | MAT9751342 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 |
| PVC | | MAT9190049 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| PUR | | MAT9851368 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| PUR | | MAT9090049 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| RKL4326 | PVC | MAT9751343 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9190045 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851369 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9090045 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4327 | PVC | MAT9751344 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9190050 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851370 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9090050 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4328 | PVC | MAT9751345 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9190057 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851371 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9090057 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| RKL4329 | PVC | MAT9190051 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT9851372 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| | PUR | MAT9090051 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |

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] | |

Bosch Rexroth Power cables

Basic cable



| | | | | | | |
|---------|-----|-------------|----------------------|------|-----|----|
| RKL4330 | PVC | MAT9190080 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT9851373 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| | PUR | MAT9090080 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |
| RKL4331 | PVC | MAT9190081 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| | PUR | MAT9851374 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT9090081 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |
| RKL4332 | PVC | MAT9751367 | (4G35.0+2x(2x1.5)C)C | 34.0 | 7.5 | 05 |
| | PUR | MAT98513104 | (4G35.0+2x(2x1.5)C)C | 35.0 | 10 | 06 |
| RKL4343 | PVC | MAT9751369 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9751368 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT98513106 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT98513105 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| RKL4344 | PVC | MAT9751370 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT98513108 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| | PUR | MAT98513107 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |

Linking cable with adapter plug



| | | | | | | |
|---------|-----|------------|----------------------|------|-----|----|
| IKG0332 | PVC | MAT9190015 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 05 |
| | PUR | MAT9090015 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 07 |
| IKG4006 | PVC | MAT9191001 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851342 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9091001 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PUR | MAT9091002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4016 | PVC | MAT9191002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851343 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9091002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PUR | MAT9091002 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| IKG4061 | PVC | MAT9751322 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9191004 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851344 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9091004 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| IKG4074 | PVC | MAT9751323 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9191014 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851345 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9091014 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| IKG4081 | PVC | MAT9751324 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9191016 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT9851346 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9091016 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |

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] | |

Bosch Rexroth Power cables

Linking cable with adapter plug



| | | | | | | |
|---------|-----|------------|----------------------|------|-----|----|
| IKG4141 | PVC | MAT9751325 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9191003 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851347 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9091003 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| IKG4161 | PVC | MAT9190036 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT9851348 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| IKL0003 | PUR | MAT9090036 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| | PVC | MAT9751358 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851391 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| IKL0023 | PUR | MAT9851390 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| | PVC | MAT9751307 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9191013 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| IKL0089 | PUR | MAT9851312 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9091013 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751308 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9191005 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| IKL0168 | PUR | MAT9851313 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9091005 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| | PVC | MAT9191006 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| IKL0168 | PUR | MAT9851314 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT9091006 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |

Extension cable



| | | | | | | |
|---------|-----|-------------|----------------------|------|-----|----|
| RKL0035 | PVC | MAT9751371 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 05 |
| | PUR | MAT98513109 | (4G0.75+(2x0.5)C)C | 11.5 | 7.5 | 07 |
| RKL4304 | PVC | MAT9751346 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9191007 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851375 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9091007 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| RKL4305 | PVC | MAT9191008 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 05 |
| | PUR | MAT9851376 | (4G1.0+2x(2x0.75)C)C | 13.0 | 10 | 06 |
| | PUR | MAT9091008 | (4G1.0+2x(2x0.75)C)C | 13.5 | 7.5 | 07 |
| RKL4311 | PVC | MAT9751347 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9191009 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9851377 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9091009 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |

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] | |

Bosch Rexroth Power cables

Extension cable



| | | | | | | |
|---------|-----|-------------|----------------------|------|-----|----|
| RKL4312 | PVC | MAT9751348 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9191010 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9851378 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| RKL4316 | PUR | MAT9091010 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| | PVC | MAT9751349 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| | PVC | MAT9191011 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| RKL4319 | PUR | MAT9851379 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT9091011 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| | PVC | MAT9751350 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| RKL4319 | PVC | MAT9191012 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851380 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| | PUR | MAT9091012 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| RKL4335 | PVC | MAT9751373 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9751372 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT98513111 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| RKL4336 | PUR | MAT98513110 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| | PVC | MAT9751351 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9191018 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| RKL4337 | PUR | MAT9851381 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 06 |
| | PUR | MAT9091018 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| | PVC | MAT9751375 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 04 |
| RKL4337 | PVC | MAT9751374 | (4G4.0+2x(2x1.5)C)C | 18.5 | 7.5 | 05 |
| | PUR | MAT98513113 | (4G4.0+2x(2x1.5)C)C | 17.0 | 10 | 06 |
| | PUR | MAT98513112 | (4G4.0+2x(2x1.5)C)C | 18.0 | 7.5 | 07 |
| RKL4338 | PVC | MAT9751352 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 04 |
| | PVC | MAT9191017 | (4G6.0+2x(2x1.5)C)C | 21.5 | 7.5 | 05 |
| | PUR | MAT9851382 | (4G6.0+2x(2x1.5)C)C | 18.5 | 10 | 06 |
| RKL4339 | PUR | MAT9091017 | (4G6.0+2x(2x1.5)C)C | 20.0 | 7.5 | 07 |
| | PVC | MAT9751376 | (4G10.0+2x(2x1.5)C)C | 24.0 | 7.5 | 05 |
| | PUR | MAT98513115 | (4G10.0+2x(2x1.5)C)C | 22.5 | 10 | 06 |
| RKL4340 | PUR | MAT98513114 | (4G10.0+2x(2x1.5)C)C | 23.5 | 7.5 | 07 |
| | PVC | MAT9191015 | (4G16.0+2x(2x1.5)C)C | 27.5 | 7.5 | 05 |
| | PUR | MAT9851383 | (4G16.0+2x(2x1.5)C)C | 26.0 | 10 | 06 |
| RKL4341 | PUR | MAT9091015 | (4G16.0+2x(2x1.5)C)C | 26.5 | 7.5 | 07 |
| | PVC | MAT9751377 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 05 |
| | PUR | MAT98513117 | (4G25.0+2x(2x1.5)C)C | 28.5 | 10 | 06 |
| | PUR | MAT98513116 | (4G25.0+2x(2x1.5)C)C | 31.0 | 7.5 | 07 |

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] | |

Bosch Rexroth Servo cables

Basic cable



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

Extension cable



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

Bosch Rexroth Encoder cables

Basic cable



| | | | | | | |
|---------|-----|------------|---------------------|------|-----|----|
| IKS4103 | TPE | MAT9100001 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS0230 | PVC | MAT9110008 | (2x(2x0.25)+2x0.5)C | 6.5 | 10 | 08 |
| | PUR | MAT9841307 | (2x(2x0.25)+2x0.5)C | 7.0 | 7.5 | 10 |
| | TPE | MAT9100008 | (2x(2x0.25)+2x0.5)C | 7.0 | 7.5 | 11 |
| IKS0251 | TPE | MAT9100014 | (12x0.5)C | 12.0 | 5 | 24 |
| IKS0253 | TPE | MAT9100023 | (12x0.5)C | 12.0 | 5 | 24 |
| IKS0259 | TPE | MAT9100032 | (12x0.5)C | 12.0 | 5 | 24 |
| IKS0262 | TPE | MAT9100016 | (12x0.5)C | 12.0 | 5 | 24 |
| IKS0301 | PVC | MAT9110015 | (4x(2x0.25)+2x1.0)C | 8.5 | 10 | 08 |
| | PUR | MAT9841308 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100015 | (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

* 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] | |

Bosch Rexroth Encoder cables

Basic cable



| | | | | | | |
|---------|-----|------------|-------------------------------|------|-----|----|
| IKS0315 | PVC | MAT9110020 | (4x(2x0.25)+2x1.0)C | 8.5 | 10 | 08 |
| | PUR | MAT9841309 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100020 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 11 |
| IKS0374 | PVC | MAT9110011 | (4x(2x0.25)+2x1.0)C | 8.5 | 10 | 08 |
| | PUR | MAT9841310 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100011 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 11 |
| IKS4001 | PVC | MAT9110026 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841311 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 10 |
| | TPE | MAT9100026 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 11 |
| IKS4002 | PVC | MAT9110010 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841312 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100010 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| IKS4020 | PVC | MAT9110006 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841313 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 10 |
| | TPE | MAT9100006 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 11 |
| IKS4038 | PVC | MAT9110027 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841314 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 10 |
| | TPE | MAT9100027 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 11 |
| IKS4041 | PVC | MAT9110028 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841315 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100028 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| IKS4042 | PVC | MAT9110017 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841316 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100017 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4066 | PVC | MAT9110025 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841317 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100025 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4103 | PVC | MAT9110001 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841318 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| IKS4142 | PVC | MAT9110007 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841319 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 10 |
| | TPE | MAT9100007 | (4x(2x0.14)+(4x0.14)C+4x1.0)C | 11.0 | 7.5 | 11 |
| IKS4314 | PVC | MAT9110004 | (4x(2x0.25)+2x1.0)C | 8.5 | 10 | 08 |
| | PUR | MAT9841320 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100004 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 11 |
| IKS4374 | PVC | MAT9110002 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841321 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100002 | (4x(2x0.25)+2x0.5)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

* 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] | |

Bosch Rexroth Encoder cables

Basic cable



| | | | | | | |
|---------|-----|------------|-------------------------------|------|-----|----|
| IKS4375 | PVC | MAT9110003 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841322 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100003 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4384 | PVC | MAT9110005 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841323 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100005 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| IKS4389 | PVC | MAT9110033 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841324 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100033 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |

Basic cable



| | | | | | | |
|---------------------|-----|------------|---------------------|-----|-----|----|
| RG2-002AAB-NN-xxx,x | PVC | MAT9741301 | (2x(2x0.25)+2x0.5)C | 6.5 | 10 | 08 |
| | TPE | MAT9941301 | (2x(2x0.25)+2x0.5)C | 7.0 | 7.5 | 11 |

Basic cable



| | | | | | | |
|---------|-----|------------|-------------------------------|------|-----|----|
| RKG0014 | PVC | MAT9110030 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841301 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100030 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| RKG0020 | PVC | MAT9110034 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841302 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100034 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| RKG0026 | PVC | MAT9110029 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841303 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100029 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| RKG0028 | PVC | MAT9110031 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.0 | 10 | 08 |
| | PUR | MAT9841304 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 10 |
| | TPE | MAT9100031 | (3x(2x0.25)C+(3x0.25)+2x1.0)C | 10.5 | 7.5 | 11 |
| RKG4200 | PVC | MAT9110013 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841305 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100013 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |

Linking cable with adapter plug



| | | | | | | |
|---------|-----|------------|---------------------|-----|-----|----|
| IKS0232 | PVC | MAT9110009 | (2x(2x0.25)+2x0.5)C | 6.5 | 10 | 08 |
| | PUR | MAT9841325 | (2x(2x0.25)+2x0.5)C | 7.0 | 7.5 | 10 |
| | TPE | MAT9100009 | (2x(2x0.25)+2x0.5)C | 7.0 | 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

* 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] | |

Bosch Rexroth Encoder cables

Linking cable with adapter plug



| | | | | | | |
|---------|-----|------------|---------------------|------|-----|----|
| IKS0255 | TPE | MAT9100018 | (12x0.5)C | 12.0 | 5 | 24 |
| IKS0303 | PVC | MAT9110019 | (4x(2x0.25)+2x1.0)C | 8.5 | 10 | 08 |
| | PUR | MAT9841326 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9100019 | (4x(2x0.25)+2x1.0)C | 9.5 | 7.5 | 11 |
| IKS4065 | PVC | MAT9111001 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841327 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101001 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4151 | PVC | MAT9111002 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841328 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101002 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4153 | PVC | MAT9111003 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841329 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101003 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4322 | PVC | MAT9111005 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841331 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101005 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |
| IKS4376 | PVC | MAT9111004 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841330 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101004 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 11 |

Extension cable with adapter plug



| | | | | | | |
|---------------------|-----|------------|---------------------|-----|-----|----|
| RG2-510AAB-NN-xxx,x | PVC | MAT9741302 | (2x(2x0.25)+2x0.5)C | 6.5 | 10 | 08 |
| | TPE | MAT9941302 | (2x(2x0.25)+2x0.5)C | 7.0 | 7.5 | 11 |

Linking cable with adapter plug



| | | | | | | |
|---------|-----|------------|---------------------|-----|-----|----|
| RKG4201 | PVC | MAT9111006 | (4x(2x0.25)+2x0.5)C | 8.0 | 10 | 08 |
| | PUR | MAT9841306 | (4x(2x0.25)+2x0.5)C | 9.5 | 7.5 | 10 |
| | TPE | MAT9101006 | (4x(2x0.25)+2x0.5)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

* 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] | |

Elau/Schneider Electric Servo cables

Basic cable



| | | | | | | |
|-----------------------|-----|------------|----------------------|------|-----|----|
| E-MO-067 | PVC | MAT9750701 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9470001 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9850701 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9470101 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| E-MO-092 | PVC | MAT9750704 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9470004 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9850704 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9470104 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |
| E-MO-087 | PVC | MAT9750703 | (4G2.5+2x(2x1.5)C)C | 16.0 | 10 | 04 |
| | PVC | MAT9470003 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 05 |
| | PUR | MAT9850703 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9470103 | (4G2.5+2x(2x1.5)C)C | 17.0 | 7.5 | 07 |
| E-MO-111 SH-Motor 1.5 | PVC | MAT9750702 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 04 |
| | PVC | MAT9470002 | (4G1.5+2x(2x0.75)C)C | 14.5 | 7.5 | 05 |
| | PUR | MAT9850702 | (4G1.5+2x(2x0.75)C)C | 13.5 | 10 | 06 |
| | PUR | MAT9470102 | (4G1.5+2x(2x0.75)C)C | 14.0 | 7.5 | 07 |

Basic cable



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

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