

M12 Power male 0° / female 90° L-cod.

PUR 4x1.5 bk UL/CSA+drag ch. 1.5m

Power M12 – M12, 4-pole Male straight Female 90° L-coded with cable sleeves

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

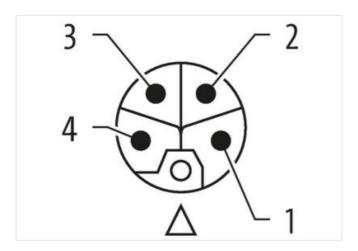
Further cable lengths on request.

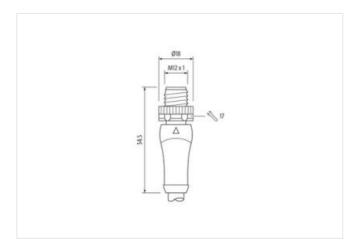
Link to Product

Illustration



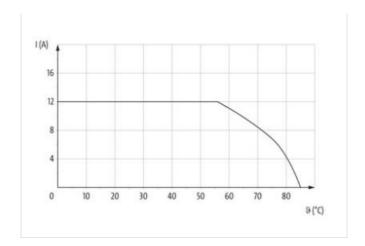


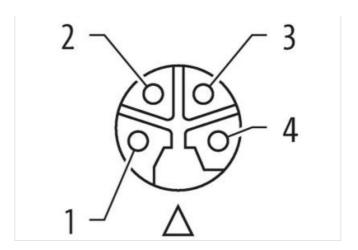


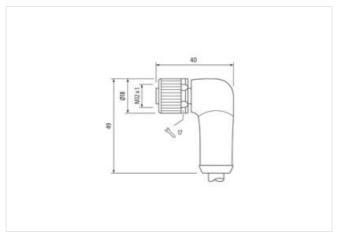




stay connected







Product may differ from Image









Cable length	1,5 m
Technical Data	
Operating voltage	max. 63 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 12 A
No. of poles	4
Material group	IEC 60664-1, category I
Coding	L-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	12 mm
Compression gland	M12 (SW17)
General data	
Standards	IEC 61076-2-111
Mounting method	inserted, tightened



Material gasket FKM Pollution Degree 3 Cable 3 Cable Identification PO7 Cable Identification PO7 Cable Weight [gm] 114.4 g Material wire Cu wire, bare Resistor (core) max. 13.3 D/km (20 °C) Single wire O (core) 0.15 mm Construction (core) 84 × 0.15 mm (multi-altrand wire class 6) Diameter (core) 4 × 1.5 mm² AWG similar to AWG 16 Material wire isolation PP Waterial property wire insulation CFC, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 2.3 mm ±5% Collor/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material picket PUR Material property (jocket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant. hydroylesis and microbial resistant Shield no Material picket PUR CFC-, halogen-, cadmium-, silicone- and lead-free, m	Material contact	Copper alloy
Pollution Degree 3	Material contact surface	Au
Temperature range -25,+85°C, depending on cable quality Cable Cable identification P07 Cable Weight [g/m] 114,4 g Cable weight [g/m] 114,4 g Material wire Cu wire, bare Resistor (core) max. 13,3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84 v. 0.15 mm (multi-strand wire class 6) Diameter (core) 4 x. 15 mm² AWG similar to AWG 16 Material wire isolation PP Material wire isolation PP Wire-Ø incl. isolation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 60 ±5 D Wire-Ø incl. isolation 2,3 mm ±5% Color/mumbering of wires br. bk, bl. wh, rum Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, byto-dysis and microbial resistant Shore hardness jacket PUR Outer-Ø (jacket) 7.2 mm ±5%	Material gasket	FKM
Cable identification P07 Cable identification 3 (PUR) Cable weight [gim] 114.4 g Material wire Cu vire, bare Resistor (core) max. 13.3 (Jkm (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84 v. 0.15 mm (multi-strand wire class 6) Diameter (core) 4 x 1.5 mm² AWIG similar to AWIG 16 Material wire isolation PP Material wire isolation PP Material property wire insulation CFC, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 61 ±5 D Wire-Ø Incl. isolation 2 3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Sheid no Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, pydrolysis and microbial resistant Color jacket PUR Material property (jacket)	Pollution Degree	3
Cable identification P07 Cable Type 3 (PUP) Cable weight [g/m] 114,4 g Malerial wire Cu wire, bare Resistor (core) max. 13.3 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 84 × 0.15 mm (multi-strand wire class 6) Diameter (core) 4x 1.5 mm² AWG similar to AWG 16 Material wire isolation PP Material property wire insulation CFC-, hatogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 80 ±5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br. bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, hatogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant property (jacket) Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black whemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance	Temperature range	-25+85 °C, depending on cable quality
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Single wire Ø (core) 0.15 mm Construction (core) 84 x 0.15 mm (multi-strand wire class 6) Diameter (core) 4 x 1.5 mm² AWG similar to AWG 16 Material wire isolation PP Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 60 ±5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 WW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 100 kV Current load capacity to DIN VDE 298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours)	Material wire	Cu wire, bare
Construction (core) 84 x 0.15 mm² (multi-strand wire class 6) Diameter (core) 4 x 1.5 mm² (similar to AWG 16) AWG similar to AWG 16 Material vire isolation PP Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 60 ± 5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 m± ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 80332-2-2 Nominal voltage 100 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.	Resistor (core)	max. 13.3 Ω/km (20 °C)
Diameter (core) 4x 1.5 mm² AWG similar to AWG 16 Material wire isolation PP Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Sheild no Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1. IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -56+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5s. outer Ø	Single wire Ø (core)	0.15 mm
Material wire isolation PP Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material property (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) 7.5 will applied to the properture range (fixed) 7.5 will applied to the properture range (fixed) 7.5 will applied to the properture range (mobile) 7.5 will applied (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress 1.180°/m No. of torsion cycles (C-track) max. 2 Mio. (25 °C)	Construction (core)	84× 0.15 mm (multi-strand wire class 6)
Material wire isolation PP Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 60 ±5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material jacket PUR Aterial property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) 7.5 w outer Ø Bend radius (fixed) 7.5 × outer Ø Bend radius (fixed) 7.5 × outer Ø Bend radius (moving) 10 × outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Diameter (core)	4× 1.5 mm²
Material property wire insulation CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness wire isolation 60 ±5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material jacket PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket thermal resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 WW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) 7.5 wolter Ø Bend radius (fixed) 7.5 wolter Ø Bend radius (fixed) 7.5 wolter Ø Bend radius (moving) 10 x outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	AWG	similar to AWG 16
Shore hardness wire isolation 60 ± 5 D Wire-Ø incl. isolation 2.3 mm ±5% Color/numbering of wires br, bk, bl, wh, num Stranding combination 4 wires twisted Shield no Material jacket PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10x outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C)	Material wire isolation	PP
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Stranding combination 4 wires twisted Shield no Material jacket PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) 7.5× outer Ø Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Wire-Ø incl. isolation	2.3 mm ±5%
Shield no Material jacket PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant. Shore hardness jacket 90 ±5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Color/numbering of wires	br, bk, bl, wh, num
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Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) 2-25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Shield	no no
resistant, hydrolysis and microbial resistant Shore hardness jacket 90 ± 5 A Outer-Ø (jacket) 7.2 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Material jacket	PUR
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chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Outer-Ø (jacket)	7.2 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2.2 Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Color jacket	black
Nominal voltage 1000 V AC Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage 10.0 kV Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Nominal voltage	1000 V AC
Temperature range (fixed) -50+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Test voltage	10.0 kV
Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours) Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed) 7.5× outer Ø Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Temperature range (fixed)	-50+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (moving) 10× outer Ø No. of bending cycles (C-track) max. 5 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
No. of bending cycles (C-track) Travel speed (C-track) Acceleration (C-track) Torsion stress ±180°/m No. of torsion cycles max. 5 Mio. (25 °C) max. 3.3 m/s the max. 5 m/s² ±180°/m max. 2 Mio. (25 °C)	Bend radius (fixed)	7.5× outer Ø
Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Bend radius (moving)	10× outer Ø
Acceleration (C-track) max. 5 m/s² Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Torsion stress ±180°/m No. of torsion cycles max. 2 Mio. (25 °C)	Travel speed (C-track)	max. 3.3 m/s
No. of torsion cycles max. 2 Mio. (25 °C)	Acceleration (C-track)	max. 5 m/s ²
	Torsion stress	±180°/m
Torsion speed 35 cycles/min	No. of torsion cycles	max. 2 Mio. (25 °C)
	Torsion speed	35 cycles/min