

M12 male 0° / M12 female 0° A-cod.

PUR 5x0.34 bk UL/CSA 29m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight – female straight M12 – M12, 5-pole

A-coded

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

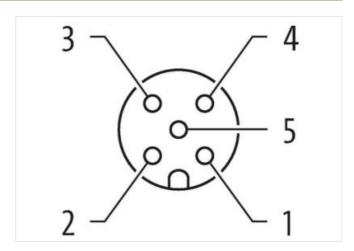
Plastic housings with good resistance against chemicals and oils.

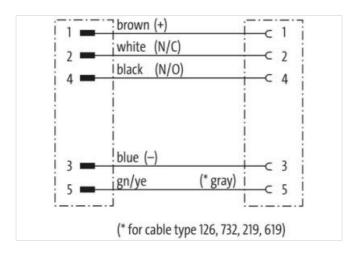
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

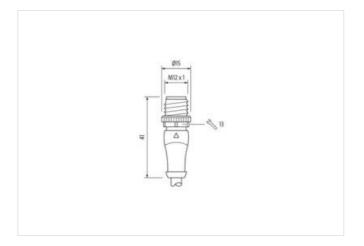
Link to Product

Illustration











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Product may differ from Image













Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 ************************************	Cable length	29 m
Mounting method inserted, screwed	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27660311 ECLASS-12.0 27660311 ECLASS-12.0 27660311 ECLASS-12.0 27600311 ECLASS-12.0 27600311	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27260311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECTASS-12.0 EC001855 customs tariff number 85444290	Family construction form	M12
Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Understand PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 coustoms tariff number 85444290	Thread	M12 x 1
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	suitable for corrugated tube (internal Ø)	10 mm
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Protection (EN IEC 60529) Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Coding	A
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27760311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Material	PUR
Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 EC01855 customs tariff number 85444290	Width across flats	SW13
Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal ∅) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 280811 ECLASS-10.1 27060311 ECLASS-12.0 280811 ECLASS-10.0 EC001855 coustoms tariff number 85444290	Side 2	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Mounting method	inserted, screwed
suitable for corrugated tube (internal ∅) 10 mm Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Family construction form	M12
Coding A Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 85444290	Thread	M12 x 1
Material PUR Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 85444290	suitable for corrugated tube (internal Ø)	10 mm
Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECIASS-12.0 27060311 ECIM-5.0 EC001855 customs tariff number 85444290	Coding	A
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ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290	ECLASS-11.1	27060311
customs tariff number 85444290	ECLASS-12.0	27060311
	ETIM-5.0	EC001855
GTIN 4048879792639	customs tariff number	85444290
	GTIN	4048879792639



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Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
	•
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Additional condition temperature range Conformity	depending on cable quality
	DIN EN 61076-2-101 (M12)
Conformity	
Conformity Product standard Cable	DIN EN 61076-2-101 (M12)
Conformity Product standard Cable Cable identification	DIN EN 61076-2-101 (M12) 625
Conformity Product standard Cable Cable identification Cable Type	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC)
Conformity Product standard Cable Cable identification Cable Type Approval (cable)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m]	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C)
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6)
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm²
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5%
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped 5 wires twisted around central filler
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Color/numbering of wires Stranding combination Shield	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped 5 wires twisted around central filler no
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped 5 wires twisted around central filler
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Single wire Ø (core) Construction (core) Diameter (core) AWG Material wire isolation Material property wire insulation Shore hardness wire isolation Wire-Ø incl. isolation Color/numbering of wires Stranding combination Shield Material jacket	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped 5 wires twisted around central filler no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-
Conformity Product standard Cable Cable identification Cable Type Approval (cable) Cable weight [g/m] Material wire Resistor (core) Construction (core) Construction (core) Cameter (core) AWG Material wire isolation Material property wire insulation Color/numbering of wires Stranding combination Shield Material property (jacket)	DIN EN 61076-2-101 (M12) 625 2 (PUR/PVC) UL (AWM-Style 20549/1731), CSA; CE conform 54,78 g Cu wire, bare max. 57 Ω/km (20 °C) 0.1 mm 42× 0.1 mm (multi-strand wire class 6) 5× 0.34 mm² similar to AWG 22 PVC CFC-, cadmium-, silicone- and lead-free 43 ±5 D 1.25 mm ±5% br, bk, bl, wh, gnye longitudinally striped 5 wires twisted around central filler no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant



chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s²