

M12 male 90° A-cod. with cable

PUR 3x0.34 bk UL/CSA 7m

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

Male 90° M12, 3-pole

with cable sleeves

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

Plastic housings with good resistance against chemicals and oils.

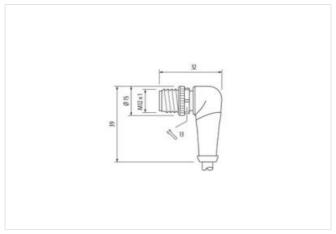
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

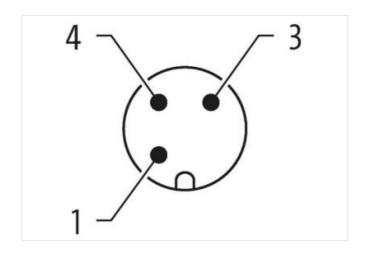
Link to Product

Illustration









Product may differ from Image















stay connected

Cable length	7 m
Side 1	
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
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	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
GTIN	4048879512305
Packaging unit	1
Electrical data Supply	
	050 V
Operating voltage AC max. Operating voltage DC max.	250 V 250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
	70
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
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
, ,	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



stay connected

Cable Cable identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA: CE conform Approval (cable) UL (AWM-Style 20549/1731), CSA: CE conform Daale weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 (2km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42x 0.1 mm (multi-strand wire class 6) Diameter (core) 3x 0.34 mm² AWG similar to AWG 22 Waterial property wire insulation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 42 ± 5 D Wire Ø incl. isolation 1.25 mm ±5% Daterial proberty (wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no Material proberty (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant Shore hardness jacket PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-fre	Conformity	
Cable Identification 623 Cable Type 2 (PUR/PVC) Approval (cable) UL (AVM-Style 20549/1731), CSA; CE conform Zable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 G/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3× 0.34 mm² AWG similar to AWG 22 Material wire insulation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Mire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted 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 PUR/PVC Material property (jacket) 4.3 mm ±5% Color jacket black Outer-Ø (jacket) 4.3 mm ±5% Color jacket <td>Product standard</td> <td>DIN EN 61076-2-101 (M12)</td>	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Cable weight [g/m] 35,97 g Adaterial wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42x 0.1 mm (multi-istrand wire class 6) Diameter (core) 3 x 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/mumbering of wires black similar to RAL 9005 Shrading combination 3 wires twisted Shield no Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, property (jacket) Material property (jacket) CFC, phalogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, property (jacket) Material property (jacket) CFC, phalogen-, cadmium-, silicone-	Cable	
Approval (cable) UL (AWM-Syle 20549/1731), CSA; CE conform 2able weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3× 0.34 mm² MWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC·, cadmium-, silicone- and lead-free Shore hardness wire isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Sheld no Material property (facket) CFC·, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, lyndyolysis and microbial resistant Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Duter-Ø (jacket) 4.3 mm ±5% Duter-Ø (jacket) 5.3 mm ±5% Duter-Ø (jacket) 5.3 mm ±5% Duter-Ø (jacket) 6.3 mm ±5% Duter-Ø (jacket) 6.3 mm ±5% Duter-Ø (jacket) 7.3 mm ±5% Duter-Ø (jacket) 7.3 mm ±5% Duter-Ø (jacket) 8.3 mm ±5% Duter-Ø (jacket) 8.3 mm ±5% Duter-Ø (jacket) 1.3 mm ±5% Du	Cable identification	623
Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 D/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC*, cadmium*, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø Incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no Material property (jacket) CFC*, halogen*, cadmium*, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hopen-resistant, hopen-resistant Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Cuter-Ø (jacket) 4.3 mm ±5% Color jacket black Chemical resistance good resistance to oil, gasoline and chemicals Vominal voltage U.3 300 V AC Cest voltage 2000 V AC	Cable Type	2 (PUR/PVC)
Valerial wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3x 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Wire-Ø Incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5w Color jacket black Schemical resistance good resistance to oil, gasoline and chemicals Vominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (mobile) -5+80 °	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Resistor (core) max. 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42 × 0.1 mm (multi-strand wire class 6) Diameter (core) 3 × 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation FVC Material property wire insulation A3 ± 5 D Single wire Ø (core) A3 ± 5 D Wire-Ø incl. isolation A3 ± 5 D Single or wire isolation A3 ± 5 D Single or wire isolation A3 ± 5 D Wire-Ø incl. isolation A3 ± 5 D Wire-Ø incl. isolation A3 ± 5 D Wire-Ø incl. isolation A3 wires twisted Single or wires Stranding combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 wires twisted Single or wires Sit and ing combination A3 ± 5 D Color jacket Backet Bac	Cable weight [g/m]	35,97 g
Single wire Ø (core) 0.1 mm Construction (core) 42 x 0.1 mm (multi-strand wire class 6) Diameter (core) 3 x 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Mire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no Material jacket PUR/PVC 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5% Color jacket black Schemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Certs voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (mobile) -5+80 °C	Material wire	Cu wire, bare
Construction (core) 42 × 0.1 mm (multi-strand wire class 6) Diameter (core) 3 × 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ± 5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no Material jacket PUR/PVC 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Duter-Ø (jacket) 4.3 mm ±5% Color jacket black Chemical resistance good resistance to oil, gasoline and chemicals Wominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Femperature range (fixed) -30+80 °C Eremperature range (mobile) -5+80 °C Bending radius (fixed) 10	Resistor (core)	max. 57 Ω/km (20 °C)
Diameter (core) 3 x 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-O (jacket) 4.3 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -5+80 °C Bending radius (dixed) 15 × outer Ø Bending radius (dixed) 15 × outer Ø Bending radius (dynamic) 15 × outer Ø Banding radius (dynamic) Travel speed (C-track) max. 3.3 m/s	Single wire Ø (core)	0.1 mm
Material wire isolation PVC Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ±5 D Mire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Color jacket black 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) 10 × outer Ø Sending radius (fixed) 15 × outer Ø Sending radius (fixed) 15 × outer Ø Sending radius (fixed) 15 × outer Ø No. of bending cycles (C-track) max. 3 m/s	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ± 5 D Mire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 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 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Color jacket black 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 Sending radius (fixed) 15× outer Ø Sending radius (fixed) 10× outer Ø Sending radius (fixed) 10× outer Ø Sending radius (fixed) 10× outer Ø Sending radius (forack) max. 3 m/s	Diameter (core)	3× 0.34 mm²
Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Naterial jacket PUR/PVC 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Color jacket black Color jacket black Shemical resistance good resistance to oil, gasoline and chemicals Vominal voltage UL 300 V AC Test voltage 2000 V AC Temperature range (fixed) -5+80 °C Gemperature range (mobile) Femperature range (mobile) 15x outer Ø Sending radius (fixed) 10x outer Ø Sending radius (fixed) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	AWG	similar to AWG 22
Shore hardness wire isolation 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted Shield no Waterial jacket PUR/PVC 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 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Duter-Ø (jacket) 4.3 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals Vominal 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 Sending radius (fixed) 10× outer Ø Sending 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	Material wire isolation	PVC
Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires black similar to RAL 9005 Stranding combination 3 wires twisted no Material jacket PUR/PVC 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 0uter-Ø (jacke	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Description of wires	Shore hardness wire isolation	43 ±5 D
Stranding combination 3 wires twisted no Material jacket PUR/PVC 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 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5% Color jacket black 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	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no Material jacket PUR/PVC 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 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5% Color jacket black 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	Color/numbering of wires	black similar to RAL 9005
Material jacket 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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5% Color jacket black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage Ourrent load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bending radius (fixed) 10x outer Ø Bending radius (dynamic) 15x outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Stranding combination	3 wires twisted
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 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 20uter-Ø (jacket) 4.3 mm ±5% Color jacket black 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) No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Shield	no
resistant, hydrolysis and microbial resistant Shore hardness jacket 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 4.3 mm ±5% Color jacket black 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 Sending 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	Material jacket	PUR/PVC
Color jacket black 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	Material property (jacket)	
Color jacket black 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	Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
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	Outer-Ø (jacket)	4.3 mm ±5%
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	Color jacket	black
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	chemical resistance	good resistance to oil, gasoline and chemicals
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	Nominal voltage	UL 300 V AC
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	Test voltage	2000 V AC
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	Current load capacity	to DIN VDE 0298-4
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	Temperature range (fixed)	-30+80 °C
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	Temperature range (mobile)	-5+80 °C
No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s	Bending radius (fixed)	10× outer Ø
Travel speed (C-track) max. 3.3 m/s	Bending radius (dynamic)	15× outer Ø
	No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Acceleration (C-track) max. 5 m/s ²	Travel speed (C-track)	max. 3.3 m/s
	Acceleration (C-track)	max. 5 m/s ²