

M8 male 90° / M8 female 90° A-cod. snap-in

PUR 3x0.25 ye UL/CSA+drag ch. 0.6m

Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 3-pole

Further cable lengths on request.

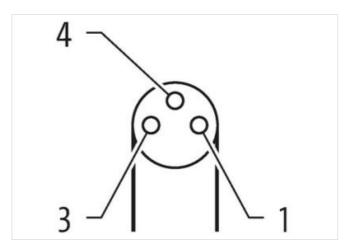
Plastic housings with good resistance against chemicals and oils.

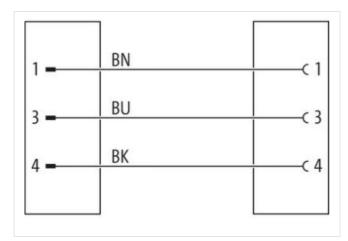
The resistance to aggressive media should be individually tested for your application. Further details on request.

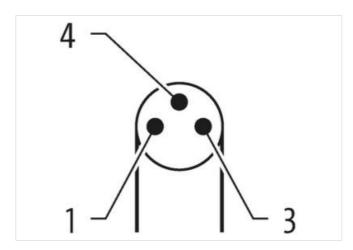
Link to Product

Illustration





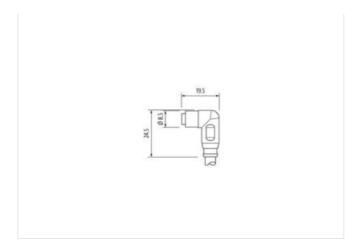






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Product may differ from Image











Cable length	0,6 m
Side 1	
Thread	M8
suitable for corrugated tube (internal Ø)	6,5 mm
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Mechanical data Mounting data	
Looking techniques	Snap In
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	

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: 2024-05-14



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Cable Type 3 Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 3 wres twisted Wire arrangement brown, black, blue Traversing distance C-track) 10 m @ 25° Ch hortzontal Cable weigh 26,4 pm Material jacked PUR Shore hardness jacked 90.1 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer dameter (sheath) 4.5 % Material wire insulation 1.25 mm Outer diameter insulation 4.5 % Nore hardness wire insulation 4.5 Shore D Ingredient feeness wire insulation 1.25 mm Outer diameter silvering 2.2 Damoter of single wires 0.1 mm Conductor yee (wire) 3.2 Damoter of single wires 0.1 mm Conductor yee (wire) 3.5 mm² Markerial conductor wire 3.00 v C Conductor type (wire) <t< th=""><th>Cable identification</th><th>030</th></t<>	Cable identification	030
Type of Certificatio cURs Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C hortontal Cablo weight 254 gm Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedon from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Tolerance outer dramater (health) ± 5 % Material wire insulation ± 5 % Outer diameter (schemb) ± 5 % Material wire insulation ± 5 % Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Amount strands (wire) 3 Outer diameter (reference or insulation ± 5 % Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Conductor cross	Cable Type	3
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigh 25.4 g/m Muturial jacket PUR Shore hardness jacket PRESCHER, and insure the second process of the second process	Jacket Color	yellow
Stranding 3 wires twisted wire arrangement brown, black, blue 25 for horizontal Cable weight 26 4 g/m Malerial jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A Pur Shore hardness jacket 90 ± 5 fore A 90 ± 5 f	Type of Certificate	cURus
wire arrangement brown, black, blue Traversing distance (C-track) 10 m @ 25 °C (Incracntal) Cabbe weight 26 4 g/m Material placete PUR Shore hardness jackel 90 ± 5 Shore A Freedom from ingredients (jackel) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jackel) ± 1 m Tolerance outer diameter (sheath) ± 5 % Material wire insulation PPP Amount wires 3 Outer diameter insulation 12 5 mm Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation ± 5 % Amount strands (vire) 32 Diameter of single wire 0.1 mm Conductor prossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, baro Conductor processection (wire) 0.25 mm² Material conductor wire 5 Stranded copper wire, baro Conductor type (vire) strand class 6 Nominal vollage AC max. 300 V <td< td=""><td>Amount stranding</td><td>1</td></td<>	Amount stranding	1
Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 26.4 g/m Material Jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from impredients (jacket) 4.1 mm Outer-diameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter (sheath) 2.5 % Shore bardness wire insulation 1.25 mm Outer diameter (sheath) 2.2 mm Bardness (sheath) 2.2 mm Bardness (sheath) 2.2 mm Conductor (wire) 2.2 mm </td <td>Stranding</td> <td>3 wires twisted</td>	Stranding	3 wires twisted
Cable weight 28,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter loterance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Urer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 25 % Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor (shear of single wires) 0,1 mm Material conductor wire Stranded copper wire, bare Conductor type (vire) \$ strand class 6 Morent ol acquacity min. wire 4,5 A Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Okm @ 20° AC withstand voltage (wire -wire) 2,5 kV @ 60 s <td>wire arrangement</td> <td>brown, black, blue</td>	wire arrangement	brown, black, blue
Material jacket PUR Shore hardness jacket 90 ± S Shore A Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation 32 Dameter of single wires 0,1 mm Conductor crossection (wire) 32 Diameter of single wires 0,1 mm Conductor trossection (wire) 32 Stranded copper wire, barre Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Conductor type (wire) strand class 6 Nominal voltage (wire - wire) 2,5 kW @ 60 s Current load capacity (standard) to DIN VDE 0298-4	Traversing distance (C-track)	10 m @ 25 °C horizontal
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Countries of the properties of	Cable weigth	26,4 g/m
Freedom from ingradients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
Outer diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter folerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, allicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Strand copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max 300 V Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity wint. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 80 °C / 90 °C @ 10000 h Operation Querating temperature min. (dynamic) 65 °C <td>Shore hardness jacket</td> <td>90 ± 5 Shore A</td>	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolorance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor type (wive) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wive) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 100000 h Ope	Outer-diameter (jacket)	4,1 mm
Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire virie) 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire virie) 2,5 k/ @ 60 s Power frequency withstand voltage (wire virie) 2,5 k/ @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature (mix. (dynamic) 25 °C Operating temperature (mix. (dynamic) <	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity finin, wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - islacket) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Min. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature mix. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Filme resistance IEC 60332-2-2 Ut 1581 § 1100 FT2 Ut 1581 § 1090 chemical resistance Good, application-related t	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor vire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing <td>Amount wires</td> <td>3</td>	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Celectrical resistance ine constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 2,5 kV @ 60 s Power frequency withstand voltage (wire) 2,5 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance iEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 10 x Outer diameter Flame flame (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity standard) to DIN VDE 0298-4 Current load capacity standard to DIN VDE 0298-4 Current load capacity wire 4,5 A Electrical resistance line constant wire 79 \(\Omega \text{Cr} \) 60 s Power frequency withstand voltage (wire - wire) 2,5 kV \(\Omega \text{0} \text{0} \text{S} \) Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C \(\Omega \text{10000 h Operation} \) Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C \(\Omega \text{10000 h Operation} \) Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Flame speed (C-track) 10 kin. \(\Omega \text{2} \text{9} \text{0} \tex	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - iacket) with stand voltage (wire - iacket) with stand voltage (wire - iacket) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance EC Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Flame fraction (fixed) 10 x Outer diameter Flame fraction (fixed) 5 x Outer diameter Flame fraction (fixed) 5 x Outer diameter Fracel speed (C-track) 10 kio. @ 25 °C No. of torsion cycles 2 kio. Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - included) as 0°C 90 °C @ 10000 h Operation Operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C /90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C /90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C Torsion stress 1 t 180 °m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - iacket) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Min. @ 25 °C No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 \(\Omega \text{LW} \) @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - does not be supported by the constant grades) 4,5 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 10 Mio. @ 5 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 × Outer diameter Travel speed (C-track) 10 ¼io. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Conductor crosssection (wire)	0,25 mm²
Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire AC withstand voltage (wire - wire) AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) Min. operating temperature (static) Ad °C Max. operating temperature (fixed) A0 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) Operating temperature max. (dynamic) B0 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) No. of torsion cycles 2 Min. Torsion speed S5444290 Current load capacity (standard) to DIN VDE 0298-4 Customs tariff number 85444290	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEG 60332-2-2 IU. 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Conductor type (wire)	strand class 6
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 79 \(\Omega / \text{km} \end{align*} \end{align*} \text{2.5 kV} \(\end{align*} \) 60 s Power frequency withstand voltage (wire - jacket) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) More of temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Elec 60332-2-2 UL 1581 \(\gred* 1000 \text{ h O Preation} \) Flame resistance Elec 60332-2-2 UL 1581 \(\gred* 1100 \) FT2 UL 1581 \(\gred* 1090 \) Chemical resistance Good, application-related testing Gir esistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) All no operating temperature (static) All no operating temperature (fixed) All no operating temperature (fixed) All no operating temperature (fixed) All no operating temperature min. (dynamic) All no operating temperature min. (dynamic) All no operating temperature max. (dynamic) Blee of operating t	Current load capacity min. wire	4,5 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed S5444290	Electrical resistance line constant wire	79 Ω/km @ 20 °C
Jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Bo °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed Commercial data customs tariff number 85444290	AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	. ,	2,5 kV @ 60 s
Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Operating temperature min. (dynamic)	-25 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Oil resistance	Good, application-related testing DIN EN 60811-404
Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	Travel speed (C-track)	10 Mio. @ 25 °C
Torsion speed 35 cycles/min Commercial data customs tariff number 85444290	No. of torsion cycles	2 Mio.
Commercial data customs tariff number 85444290	Torsion stress	± 180 °/m
customs tariff number 85444290	Torsion speed	35 cycles/min
	Commercial data	
Packaging unit 1	customs tariff number	85444290
	Packaging unit	1