

M12 female 90° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1m

PROFIBUS

Female 90°

M12, 2-pole

B-coded

shielded

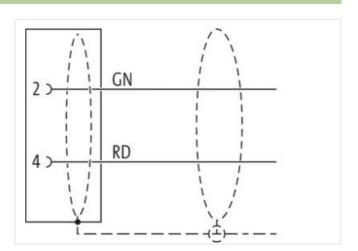
Plastic housings with good resistance against chemicals and oils.

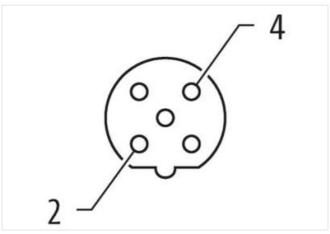
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

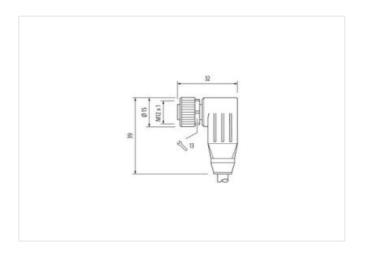
Link to Product

Illustration









Product may differ from Image













Cable length

1 m

Side 1



stay connected

Mounting method method method screwed method scre	Tightening torque	0,6 Nm
Family construction from M12 x 1 Thread M12 x 1 Coding B Material PUR Width across fass SW19 Degree of protection (EN IEC 05529) IPD5, IPD6K, IPD7 Commercial dats ECLASS-6.0 2706101 ECLASS-6.1 27060007 ECLASS-7.0 27060007 ECLASS-7.1 27060007 ECLASS-8.0 27060007 ECLASS-1.1 270600007 ECLASS-1.1 27060007 ECLASS-1.1 270600007 ECLASS-1.2 2700000007 ECLASS-1.2 27000000000000000000000000000000000000	Mounting method	inserted, screwed
Coding B Material PUR Material PUR With across flats SW13 Commercial data FUR ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27063037 ECLASS-1.1 27063037 ECLASS-1.2 27063037 ECLASS-1.3 27063037 ECLASS-1.1 27063037 ECLASS-1.2 27063037 ECLASS-1.3 27063037 ECLASS-1.0 27063037 ECLASS-1.0 27063037 ECLASS-1.1 27063037 ECLASS-1.2 27063037 ECLASS-1.3 27063037 ECLASS-1.3 27063037 ECLASS-1.0 27063037 ECLASS-1.0 27063037 ECLASS-1.1 27063037 ECLASS-1.2 27063037 ECLASS-1.2 27063037 ECLASS-1.2 27063037 E	Family construction form	M12
Material PUR Winth across flats SW13 Commercial data Commercial data ECLASS 6.0 27061801 ECLASS 7.0 27063907 ECLASS 8.0 27063007 ECLASS 9.0 27063007 ECLASS 9.0 27063007 ECLASS 9.0 27063007 ECLASS 1.0.1 27063007 ECLASS 1.1.1 27063007 ECLASS 1.2.0 27063007 EDIAL 1.2.0 27063007 Exception of the Color of Color	Thread	M12 x 1
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		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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 identification 840 Jacket Color viole Jacket Color viole Joseph		
Jacket Color	Installation Cable	
Type of Certificate cURsus Amount stranding 1 Standing 2 wise twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 70 % Banding Fleece, Foll wire arrangement red, green Cable weight 82.5 g/m Material jacket TPE-V Freedom from ingredients (gacket) load-free, cadmium-free, CPC-free, halogen-free, sillcone-free Uzet-diameter (jacket) 7,8 mm Folorance outer diameter (sheath) 2.5 % Valet-diameter (jacket) 7,8 mm Color finner jacket TPE-V Color finner jacket 2.5 mm Duter diameter insulation 2.5 5 mm Uzer diameter insulation 2.5 5 mm Uzer diameter insulation 2.5 5 mm Uzer diameter insulation 2.5 5 mm	Cable identification	840
Amount stranding 1 2 wires twisted 2 wires facility (type) 1 2 coper braid, tinned 1 2 wires facility (type)	Jacket Color	violet
Stranding 2 wires twisted	Type of Certificate	cURus
Cable shielding (coverage) TO % Cable shielding (coverage) TO % Banding Fleece, Foil wire arrangement red, green Cable weight 82.5 g/m Maderial jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter diameter (jacket) 7.8 mm Color (nerr) jacket TPE-V Color (mer jacket) white Material inner jacket TPE-V Color (mer jacket) white Material inner jacket TPE-V Color (mer jacket) white Material inner jacket TPE-V Ober diameter insulation 2,55 mm Outer diameter insulation 2,55 mm Duter diameter insulation 2,5 mm Duter diameter of single wires 24 AWG Conductor crossession (wire) 24 AWG Diameter of single wires 24 AWG Conductor crossescion (wire) 24 AWG Obanductor crossescion (wire) 25 mg 25 °C) Indiziontal Material conductor wire	Amount stranding	1
Cable shielding (coverage) 70 % Banding Fleece, Foll wive arrangement red, green Cable weigh 82,5 g/m Material jacket TPE-V Freedom from ingredients (jacket) 7,8 mm Tollerance outer diameter (seket) 7,8 mm Valenterial inner jacket TPE-V Solor (inner jacket) white Amount wires 2 Outer diameter insulation 2,55 mm Duter diameter olerance core insulation ± 5 % Marcent strands (wire) 18 Diameter of single wires 2 4 AWG Conductor orassection (wire) 24 AWG Conductor orassection (wire) 24 AWG Conductor wire (raversing distance (C-track) 5 m @ 25 °C (horizontal Nominal vollage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0598-4 Current load capacity (mine constant wire wire) 1 kV @ 60 s Electrical resistance line constant wire wire) 1 kV @ 60 s Power frequency withstand voltage (wire - shi	Stranding	
Pleece, Foil	Cable shielding (type)	copper braid, tinned
wire arrangement red, green Cable weight 82.5 g/m Malerteil jacket TPE-V Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter diameter (jacket) 7.8 mm Toferance outer diameter (sheath) ± 5 % Material inner jacket TPE-V Color (ner jacket) white Amount wires 2 Outer diameter insulation 2,55 mm Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation 4,5 mm Outer diameter of single wires 24 AWG Conductor crosssection (vire) 94 AWG Diameter of single wires 24 AWG Conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 3 A Electrical re	Cable shielding (coverage)	70 %
Cable weight 82,5 g/m Material jacket TPE-V Freedom from ingredients (jacket) 1,8 mm Tolerance outer diameter (sketh) ± 5 %. Material inner jacket TPE-V Color (inner jacket) white Amount wires 2 Outer diameter insulation 2,55 mm Outer diameter rolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor cross-section (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (slandard) to DIN VDE 0298-4 Current load capacity (inin, wire) 3 A Electrical resistance line constant (wire - wire) 1k V @ 60 s Electrical capacity line constant (wire - wire) 1k V @ 60 s AC withstand voltage (wire - shield) 1 k V @ 60 s AC withstand voltage (wire - shield) 1 k V @ 60 s <td>Banding</td> <td>Fleece, Foil</td>	Banding	Fleece, Foil
Material Jacket TPE-V Freedom from ingredients (jacket) tead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) ± 5 % Material inner jacket TPE-V Color (inner jacket) white Amount wires 2 Duter diameter losivation ± 5 % Material inner jacket TPE-V Color (inner jacket) white Amount wires 2 Duter diameter tolerance core insulation ± 5 % Duter diameter tolerance core insulation ± 5 % Under diameter tolerance core insulation ± 5 % Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity stinum, wire 3 A Electrical resistance line constant wire 78 0km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s AC withstand voltage (w	wire arrangement	red, green
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Cable weigth	82,5 g/m
Duter-diameter (jacket) 7,8 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket) white Amount wires 2 Duter diameter insulation 2.55 mm Duter diameter risulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation ± 6 % Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 1 kV @ 60 s Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Max. operating temperature (static) 4 0 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C	Material jacket	TPE-V
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacket TPE-V Color (inner jacket) white Amount wires 2 Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 1 kV @ 60 s Power frequency withstand voltage (wire - shield) 1 kV @ 60 s AG withstand voltage (wire - shield) 1 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -20 °C Ope	Outer-diameter (jacket)	7,8 mm
Color (inner jacket) white Amount wires 2 Duter diameter insulation 2,55 mm Duter diameter tolerance core insulation 1ead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Deperating temperature min. (dynamic) 70 °C Filame resistance Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Tolerance outer diameter (sheath)	±5%
Amount wires 2. Duter diameter insulation 2.55 mm Duter diameter loreance core insulation 5.5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (stendard) 1 kV @ 60 s Electrical resistance line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature (min. (dynamic) -20 °C Operating temperature max. (dynamic) -70 °C Flame resistance Good, application-related testing 0 IN EN 60811-404 Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Material inner jacket	TPE-V
Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity strandard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, ap	Color (inner jacket)	white
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C ABC withstand voltage (wire - shield) 1 kV @ 60 s Win. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (min. (dy	Amount wires	2
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Current load capacity min. wire 3 A Current load capacity wire - wire) 1 kV @ 60 s Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Elame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Outer diameter insulation	2,55 mm
Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Outer diameter tolerance core insulation	±5%
Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 7 c °C Deparating temperature (fixed) 80 °C Deparating temperature (fixed) 80 °C Deparating temperature min. (dynamic) -20 °C Deparating temperature max. (dynamic) 70 °C Elame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Dil resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Amount strands (wire)	19
Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Diameter of single wires	24 AWG
Traversing distance (C-track) 5 m @ 25 °C horizontal Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - ake to 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 70 °C Flame resistance with long to 1 kV @ 60 s Coperating temperature (fixed) 80 °C Coperating temperature (min. (dynamic) -20 °C Coperating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Conductor crosssection (wire)	24 AWG
Nominal voltage AC max. 250 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 \(\Omega \text{V/km} \) \(\omega \text{0} \text{S} \) Electrical resistance line constant wire 78 \(\Omega \text{V/km} \) \(\omega \text{0} \text{S} \) Electrical capacity line constant (wire - wire) 1 kV \(\omega \text{0} \text{0} \text{S} \) Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - shield) 1 kV \(\omega \text{0} \text{0} \text{S} \) AC withstand voltage (wire - shield) 1 kV \(\omega \text{0} \text{0} \text{S} \) Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 \(\xi \) 1100 FT2 IEC 60332-2-2 UL 1581 \(\xi \) 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) Current load capacity min. wire 3 A Electrical resistance line constant wire 78 \(\Omega{r} \) Mr \(\omega{r} \) 20 °C AC withstand voltage (wire - wire) 1 kV \(\omega{r} \) 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV \(\omega{r} \) 60 s AC withstand voltage (wire - shield) 1 kV \(\omega{r} \) 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 \(\circ{1}{3} \) 1100 FT2 IEC 60332-2-2 UL 1581 \(\circ{1}{3} \) 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Traversing distance (C-track)	5 m @ 25 °C horizontal
Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Nominal voltage AC max.	250 V
Electrical resistance line constant wire 78 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing IDIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 1 kV @ 60 s Electrical capacity line constant (wire - wire) 2 withstand voltage (wire - wire) 3 0000 pF/km 2 withstand voltage (wire - wire) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s AC withstand voltage (wire - shield) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) Bending radius (dynamic) 12 x Outer diameter	Current load capacity min. wire	3 A
Electrical capacity line constant (wire - wire) 30000 pF/km Power frequency withstand voltage (wire - acket) 1 kV @ 60 s AC withstand voltage (wire - shield) 1 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Electrical resistance line constant wire	78 Ω/km @ 20 °C
Power frequency withstand voltage (wire - acket) AC withstand voltage (wire - shield) AC withstand voltage (wire - shield) AC withstand voltage (wire - shield) AND with acknowledge (with acknowledge (wi	AC withstand voltage (wire - wire)	1 kV @ 60 s
AC withstand voltage (wire - shield) AC withstand voltage (wire - shield) Min. operating temperature (static) AC withstand voltage (wire - shield) Min. operating temperature (static) AC o C Max. operating temperature (fixed) AC o C AC o C	Electrical capacity line constant (wire - wire)	30000 pF/km
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (dynamic	Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	AC withstand voltage (wire - shield)	1 kV @ 60 s
Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Operating temperature min. (dynamic)	-20 °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) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 12 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
	Bending radius (fixed)	10 x Outer diameter
Fravel speed (C-track) 5 Mio. @ 25 °C	Bending radius (dynamic)	12 x Outer diameter
	Travel speed (C-track)	5 Mio. @ 25 °C