

M12 male 0° B-cod. with cable shielded

PUR 3x2x0.25 shielded vt 12m

Interbus Male straight M12, 5-pole B-coded shielded

Further cable lengths on request.

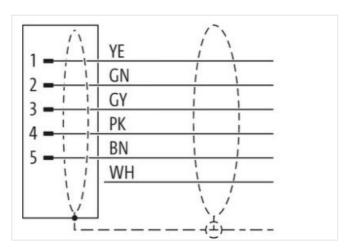
Plastic housings with good resistance against chemicals and oils.

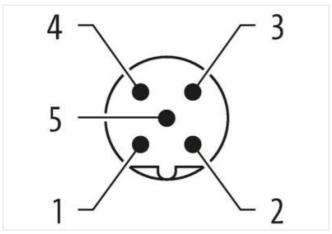
The resistance to aggressive media should be individually tested for your application. Further details on request.

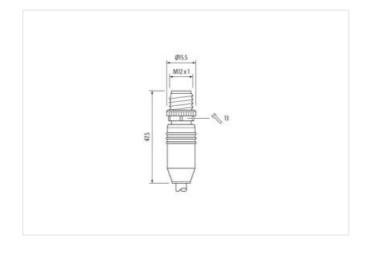
Link to Product

Illustration









Product may differ from Image









Cable length

12 m

Side 1



stay connected

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879775441
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 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)	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
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 61076-2-101 (M12)
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: 2024-05-18



stay connected

Jacket Color	Cable identification	799
Stranding 2 wires twisted	Jacket Color	violet
Amount stranding (type 2) 1 Stranding (type) 3 Stranded joints with 3 Filler twisted Cable shielding (type) coppor heald, Inned Cable shielding (coverage) 85 % Banding Filece Filler yes wire arrangement (white, brown), (gray, pink), (green, yellow) Cable weight 76,49 gm Material placket PUR Shore hardness jucket 85 ± 5 Shore A Freedom from ingredents (jacket) 185 ± 5 Shore A Freedom from ingredents (jacket) 7,7 mm Outer-diameter (sheath) 7,7 mm Tolerance outer diameter (sheath) 2,7 mm Material wire insulation PE Amount wires 6 Cuter diameter insulation 1,4 mm Outer diameter insulation 1,5 % Ingredient freeness wire insulation 1,5 % Ingredient freeness wire insulation 5,5 % Diameter of shipe wise 0,1 mm Conductor type (wire) 32 Diameter of shipe wise 0,1 mm Conductor type (wire) <t< td=""><td>Amount stranding</td><td>3</td></t<>	Amount stranding	3
Stranding (type 2) 3 Stranded joints with 3 Filler twisted Cable shielding (type) cooper braid, finned Cable shielding (coverage) 55 % Banding Fleece Filter yes wire arrangement (white, brown), (gray, pink), (green, yellow) Cable weight 76,49 g/m Material jocket PPR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 85 ± 5 Shore A Freedom from ingredients (jacket) 85 ± 5 Shore A Freedom from ingredients (jacket) 17,7 mm Tolerance outer diameter (sheath) ± 5 % Material jorket insulation PE Amount wires 6 Cuter diameter insulation 1,4 mm Cuter diameter insulation 1,5 % Shore hardness wire insulation 1,5 % Shore hardness wire insulation 1,0 mm Cuter diameter insulatio	Stranding	2 wires twisted
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File	Cable shielding (type)	copper braid, tinned
File	Cable shielding (coverage)	85 %
wire arrangement (white, brown), (gray, pink), (green, yellow) Cable weight 76,49 g/m Material Jocket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 1,7 mm Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material were insulation PE Amount wires 6 Outer diameter insulation 1,4 mm Outer diameter insulation 5 % Shore hardness wire insulation 5 % Shore hardness wire insulation 15 % Ingredient freeness wire insulation 1,4 mm User diameter insulation 1,4 mm User diameter wire insulation 1,4 mm User diameter insulation 1,5 mm Ingredient freeness wire insulation 1,5 mm Ingredient freeness wire insulation 1,5 mm Ingredient freeness wire insulation 1,5 mm Conductor type (wire) 32 Bameter of Ingredient freeness wire insulation 1,5 mm Material conductor wire 5 mm	Banding	Fleece
Cable weight 76,49 g/m Material jacket PUR Shore hardness Jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Toferance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter broadcore ore insulation 1,4 mm Outer diameter broadcore ore insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 32 Diameter of single wires 0,1 mm Conductor rosssection (wire) 9,2 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (-Irack) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE C298-4	Filler	yes
Material Jacket PUR	wire arrangement	(white, brown), (gray, pink), (green, yellow)
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 10 mm Conductor of single wires 0,1 mm Conductor single wires 0,1 mm Conductor of single wires 0,1 mm Conductor type (wire) stranded copper wire, bare Taversing distance (C-track) 5 m@ 25 °C Nominal voltage AC max. 125 V Current load capacity rink wire 3 2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance l	Cable weigth	76,49 g/m
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Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter location 1,4 mm Outer diameter location core insulation ± 5 % Shore hardness wire insulation 5 ± 5 Shore D Ingredient freases wire insulation lead-free, CFC-free, halogen-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) stranded class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (inconstant wire 79.5 Okm @ 20 °C AC withstand voltage (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shied) 1,5 kV @ 60 s <	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 6 Outer diameter location 1,4 mm Outer diameter location core insulation ± 5 % Shore hardness wire insulation 5 ± 5 Shore D Ingredient freases wire insulation lead-free, CFC-free, halogen-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) stranded class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (inconstant wire 79.5 Okm @ 20 °C AC withstand voltage (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shied) 1,5 kV @ 60 s <		
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Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-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 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating tempe	Amount wires	6
Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-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 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,2 A Characteristic impedance 100 Ω± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (fixed) 40 °C Max. operating temperature (fixed) 6 °C Operating temperature (mixed) 70 °C	Outer diameter insulation	1,4 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity wire 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity in constant voltage (wire - wire) 6000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (mixed) 80 °C Operating temperature max. (dynamic) 70 °C Filame resistance Ec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 6 x Outer diameter Bending radius (fixed) 12 x Outer diameter	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 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (stied) 80 °C Operating temperature (static) -40 °C Max. operating temperature (static) -30 °C Operating temperature (static) -60 °C Filame resistance IEC 60332-2-2 [UL 1581 § 1100 FT2 [UL 1581 § 100	Shore hardness wire insulation	55 ± 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 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Galoline resistance Good, application-related testing DIN EN 60811-404	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance 100 Ω± 15 %@ 1 MHz Electrical resistance line constant wire 79.5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature min. (dynamic) 30 °C Operating temperature max. (dynamic) 70 °C Flame resistance Electrical cesistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed)	Amount strands (wire)	32
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance Electrical cesistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 6 x Ou	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Conductor crosssection (wire)	0,25 mm ²
Traversing distance (C-track) $5 \text{ m} \otimes 25 ^{\circ}\text{C}$ Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance $100 \Omega \pm 15 \% \otimes 1 \text{ MHz}$ Electrical resistance line constant wire $79.5 \Omega \text{km} \otimes 20 ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $1.5 \text{ kV} \otimes 60 \text{ s}$ Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) $1.5 \text{ kV} \otimes 60 \text{ s}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} \otimes 60 \text{ s}$ Min. operating temperature (static) $40 ^{\circ}\text{C}$ Max. operating temperature (fixed) $80 ^{\circ}\text{C}$ Operating temperature min. (dynamic) $30 ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70 ^{\circ}\text{C}$ Flame resistance $100 \times 100 \times 100$	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance $100 \Omega \pm 15 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire 79,5 Ω /km @ 20 °C AC withstand voltage (wire - wire) 1.5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - shield) 1.5 kV @ 60 s AC withstand voltage (wire - shield) 1.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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 DIN EN 60811-404 Bending radius (fixed) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance $100 \Omega \pm 15 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $79.5 \Omega / \text{km} @ 20 ° \text{C}$ AC withstand voltage (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - iacket) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (fixed) $80 ° \text{C}$ Operating temperature (fixed) $80 ° \text{C}$ Operating temperature min. (dynamic) $-30 ° \text{C}$ Operating temperature max. (dynamic) $70 ° \text{C}$ 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) $6 \times \text{Outer diameter}$ Bending radius (dynamic) $12 \times \text{Outer diameter}$	Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3.2 A Characteristic impedance $100 \Omega \pm 15 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $79.5 \Omega / \text{km} @ 20 ° \text{C}$ AC withstand voltage (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - iacket) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (fixed) $80 ° \text{C}$ Operating temperature (fixed) $80 ° \text{C}$ Operating temperature min. (dynamic) $-30 ° \text{C}$ Operating temperature max. (dynamic) $70 ° \text{C}$ 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) $6 \times \text{Outer diameter}$ Bending radius (dynamic) $12 \times \text{Outer diameter}$	Nominal voltage AC max.	125 V
Current load capacity min. wire 3,2 A Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω /km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - iaket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter		to DIN VDE 0298-4
Electrical resistance line constant wire 79,5 Ω/km @ 20 °C AC withstand voltage (wire - wire) 1,5 kV @ 60 s Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - iacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 × Outer diameter Bending radius (dynamic) 12 × Outer diameter		3,2 A
AC withstand voltage (wire - wire) I,5 kV @ 60 s Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - inches) AC withstand voltage (wire - shield) I,5 kV @ 60 s AC withstand voltage (wire - shield) I,5 kV @ 60 s Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) To °C 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) 6 x Outer diameter		100 Ω ± 15 % @ 1 MHz
Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Electrical resistance line constant wire	79,5 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire) 60000 pF/km Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) To °C 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) 6 x Outer diameter Bending radius (dynamic) 1.5 kV @ 60 s 1.5 kV @ 60 s 1.5 kV @ 60 s 4.0 °C 4.0 °	Electrical capacity line constant (wire - wire)	
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) To °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C 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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Max. operating temperature (fixed)	80 °C
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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		-30 °C
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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		70 °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) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		
Bending radius (fixed) 6 x Outer diameter Bending radius (dynamic) 12 x Outer diameter		
Bending radius (dynamic) 12 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
	Bending radius (fixed)	6 x Outer diameter
Travel speed (C-track) 2 Mio. @ 25 °C	Bending radius (dynamic)	12 x Outer diameter
	Travel speed (C-track)	2 Mio. @ 25 °C