

## M12 female 0° B-cod. with cable shielded

PUR 3x2x0.25 shielded vt 1.5m

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

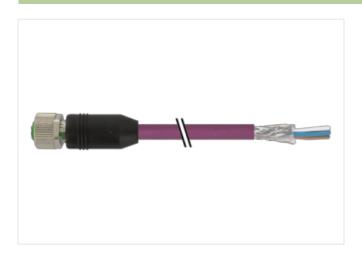
Further cable lengths on request.

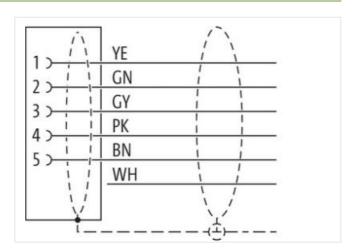
Plastic housings with good resistance against chemicals and oils.

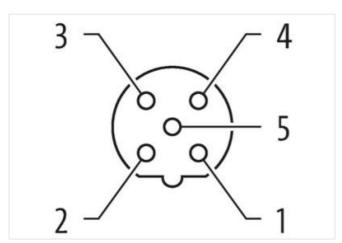
The resistance to aggressive media should be individually tested for your application. Further details on request.

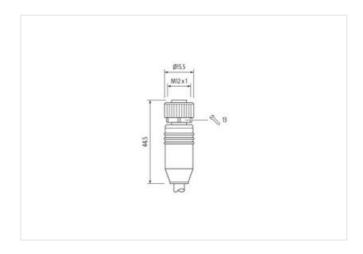
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

1,5 m

Side 1



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** 4048879197632 Packaging unit 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) 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 -25 °C Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius

The information in this Product-PDF has been compiled with the utmost care.

Installation | Cable wire arrangement

Cable identification

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

endangered by excessive bending forces.

(white, brown), (gray, pink), (green, yellow)



## stay connected

Amount stranding 3   Stranding (type 2) 1   Stranding (type 2) 3 stranded joints with 3 Filler twisted	Jacket Color	violet
Amount standing (type 2)         3 Strandud joints with 3 Filler twisted           Cable shelding (type)         coper braid, timed           Cable shelding (type)         85 %           Bandring         Fleece           Filler         yes           wie arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weight         76,49 gm           Material placket         PUR           Shore hardress jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         182 ± 5 Shore A           Freedom from ingredients (jacket)         15 5 %           Outer diameter (jacket)         7.7 mm           Tolerance outer dameter (shell)         5 5 %           Material wire insulation         PE           Outer diameter insulation         1,4 mm           Outer diameter insulation         5 5 %           Shore hardresse wire insulation         5 5 % Shore D           Ingredient freeness wire insulation         5 5 % Shore D           Ingredient freeness wire insulation         5 5 % Shore D           Ingredient freeness wire insulation         5 5 % Shore D           Ingredient freeness wire insulation         5 5 % Shore D           Ingredient freeness wire insulation         5 5 % Shore D           Conduc	Amount stranding	3
Shanding (type 2) 3 Stranded joints with 3 Filler twisted Cable shelding (type) cooper braid, tinned Cable shelding (coverage) 86 % Banding Fleece Filter yes wire arrangement (white, brown), (gray, pink), (green, yellow) Cable weight 76-49 grm Material jacket PIR Shore hardness jacket PIR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 15 % Marerial wire authors outer diameter (jacket) 27 mm Tolerance outer diameter (jacket) 27 mm Material jacket 96 Mm Marerial wire insulation PE Amount wires 6 Outer diameter insulation 1,1-4 mm Material wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 15 % Shore hardness wire insulation 15 % Shore land of the product of time to the product of the present of time place of the present	Stranding	2 wires twisted
Cable shielding (poyee)         coppore braid, linned           Cable shielding (coverage)         85 %           Banding         Fleece           Filler         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weigh         76,49 g/m           Material jacker         PUR           Shore hardness jacked         85 ± 5 Shore A           Freedom from Ingredients (gaket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (gaket)         7.7 mm           Tolerance outer diameter (gheath)         ± 5 %           Material wire insulation         1.4 mm           Outer diameter insulation         1.4 mm           Outer diameter tolerance core insulation         55 ± 5 Shore D           Outer diameter tolerance core insulation         55 ± 5 Shore D           Ingredient teeness wire insulation         55 ± 5 Shore D           Amount strands (ver)         32           Damater of single wires         0.1 mm           Conductor crossection (wire)         32 5 mm²           Damater of single wires         0.1 mm           Conductor pype (wire)         34 and dass 6           Nominal vallage A Crax.         1.5 ½ mind           Current load capacity r		1
Cable shielding (poyee)         coppore braid, linned           Cable shielding (coverage)         85 %           Banding         Fleece           Filler         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weigh         76,49 g/m           Material jacker         PUR           Shore hardness jacked         85 ± 5 Shore A           Freedom from Ingredients (gaket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (gaket)         7.7 mm           Tolerance outer diameter (gheath)         ± 5 %           Material wire insulation         1.4 mm           Outer diameter insulation         1.4 mm           Outer diameter tolerance core insulation         55 ± 5 Shore D           Outer diameter tolerance core insulation         55 ± 5 Shore D           Ingredient teeness wire insulation         55 ± 5 Shore D           Amount strands (ver)         32           Damater of single wires         0.1 mm           Conductor crossection (wire)         32 5 mm²           Damater of single wires         0.1 mm           Conductor pype (wire)         34 and dass 6           Nominal vallage A Crax.         1.5 ½ mind           Current load capacity r		3 Stranded joints with 3 Filler twisted
Cable shielding (coverage)         85 %           Banding         Fleece           Filler         yes           wire arrangment         (white, brown), (gray, pink), (groen, yellow)           Cable weight         76,49 g/m           Material jacket         PUR           Shore hardness jackel         85 ± 5 Shore A           Freedom from ingredients (jacket)         7,7 mm           Tolerance outer diameter (jacket)         1,5 %           Outer-diameter (jacket)         1,4 mm           User diameter insulation         1,4 mm           Outer diameter tolerance ore insulation         1,5 %           Normal strands (wire)         32           Shore hardness wire insulation         1,4 mm           Outer diameter tolerance ore insulation         1,5 %           Ingredient freeness wire insulation         1,4 mm           Outer diameter of single wires         0,1 mm           Conductor tolerances wire insulation         1,5 %           Macronic of single wires         0,1 mm           Conductor tropsection (wire)         0,25 mm²           Material conductor wire         5,1 st M del opport wire, bare           Conductor type (wire)         1,5 k W del os           Nomina' voltage AC max         1,5 k W del os		
Banding         Fiece           Filler         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weight         76.49 g/m           Material jacket         PUR           Shore hardness jackel         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         ± 5%           Material wire insulation         PE           Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation		
Filter         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weigh         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           Toflerance outer diameter (heath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Cuter diameter lolerance core insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient reseasts wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient reseasts wire insulation         ± 5 %           Anount strands (wire)         32           Inameter of single wires         0,1 mm           Conductor type divires         \$ 1 mm           Material conductor wire         \$ 1 mm           Conductor type (wire)         \$ 2 mm²           Material conductor wire         \$ 1 mm²		
wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weight         76,49 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         1,7 mm           Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (shealth)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor crossaction (vire)         0,25 mm²           Material conclusion wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Nominal voltage AC max.         125 V           Current load capacity (standard)         to DN VEE 098-4           Current load capacity (standard)         to DN VEE 098-4           Current load capacity (wire - wire)         1,5 kV @ 60 s		
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           Deferance outer diameter (shealth)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         1.4 mm           Ingredient freeness wire insulation         1.5 mm           Ingredient freeness wire insulation         1.5 mm           Ingredient freeness wire insulation         1.6 mm           Ingredient freeness wire insulation         1.0 mm           Conductor or sesses wire insulation         1.0 mm           Ingredient freeness wire insulation         1.0 mm           Conductor or sesses wire insulation         1.0 mm           Conductor or sesses wire insulation         1.0 mm           Conductor crossessection (wire)         0.2 mm²           Material very fire or sesses wire insulation<		•
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 (gacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter tolerance core insulation         ± 5 %           Under diameter tolerance core insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         32 ± 2           Dameter of single wires         0,1 mm           Conductor crosssection (wire)         32           Dameter of single wires         0,1 mm           Conductor type (wire)         \$ Stranded copper wire, bare           Onductor (yee (wire)         \$ Stranded copper wire, bare           Conductor (yee (wire)         \$ Stranded copper wire, bare           Nominal voltage AC max.         125 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (inin, wire         3,2 A           Characteristic impedance         100 Ω ± 15 % ⊕ 1 MHz           Electrical rosistance inin con		, and the state of
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           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter tolerance core insulation         1.4 mm           Outer diameter tolerance core insulation         5 %           Shore hardness wire insulation         5 %           Ingredient freeness wire insulation         1.4 mm           Ingredient freeness wire insulation         1.6 %           Ingredient freeness wire insulation         1.6 mm           Ingredient freeness wire insulation         1.1 mm           Conductor or set settle wires         0.1 mm           Conductor or set settle wires         1.1 mm           Conductor or set settle wires         1.2 mm²           Conductor trybe (wire)         1.2 stranded cospect wire, bare           Current load capacity m		<del>-</del>
Freedom from ingradients (jacket)		
Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter insulation         ± 5 %           Shore hardness wire 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 crossacction (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Nominal voltage AC max.         125 V           Current load capacity finant wire         32 A           Characteristic impedance         100 Ω± 15 % @ 1 MHz           Electrical capacity line constant wire         79,5 D/km @ 20 °C           AC withstand vollage (wire - wire)         1,5 kV @ 60 s           Electrical capacity line constant (wire - wire)         1,5 kV @ 60 s           AC withstand vollage (wire - shield)         1,5 kV @ 60 s           Mix. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         <	<u> </u>	
Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter Insulation         ± 5 %           Outer diameter Insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor resossection (wire)         0.25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           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)         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)         5, kV @ 60 s           Electrical capacity line constant (wi		
Material wire insulation         PE           Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter tolorance core insulation         ± 5 %           Shore hardness wire insulation         lead-free, CPC-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 (wire)         \$15 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3,2 A           Current load capacity min. wire         3,2 A           Characateristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance line constant wire         79,5 Ω/km @ 20 °C           AC wirhstand 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 (mixed)         80 °C           Operating temperature (mixed)         30 °C           Operating temperature (mix		
Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         32           Dameter 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.         125 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire) wire         3,2 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           Power frequency withstand voltage (wire - sheld)         1,5 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Op		
Outer diameter insulation         1,4 mm           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 crossection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           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 - 3,5 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 (fixed)         80 °C           Operating temperature (mixed)         80 °C           Operating temperature (mixed)         80 °C		
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D         Ingredient freeness wire insulation       16a 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         Nominal voltage AC max.       125 V         Current load capacity (standard)       to DIN VDE 0298-4         <		
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 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) 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 Fiame resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Ending radius (fixed) 6 x Outer diameter Bending radius (fixed) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C		· · · · · · · · · · · · · · · · · · ·
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           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 - wire)         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           Operating temperature (mixed)         80 °C           Operating temperature mix. (dynamic)         70 °C           Flame resistance         Good, application-related testing           Gasoline resistance         Good, app		
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. 125 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) 100 \(\text{L}\) 15 \(\text{M}\) 0 1 MHz  Electrical resistance line constant wire 79,5 \(\text{Di/km}\) 20 °C  AC withstand voltage (wire - wire) 1,5 kV \(\text{0}\) 60 s  Electrical capacity line constant (wire - wire) 60000 pF/km  Power frequency withstand voltage (wire - shield) 1,5 kV \(\text{0}\) 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Filame resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Dir self-giacked (Strack) 5 m \(\text{0}\) 2 °C  Traversing distance (C-track) 5 m \(\text{0}\) 25 °C  Traversing distance (C-track) 5 m \(\text{0}\) 25 °C  Traversing distance (C-track) 5 m \(\text{0}\) 25 °C		
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.         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 (fixed)         80 °C           Operating temperature win. (dynamic)         -30 °C           Operating temperature max. (dynamic)         70 °C           Flame 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 rad		
Conductor crosssection (wire)       0,25 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         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 - siacket)       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       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		
Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         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 (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         No. of bending cycles (C-track)		·
Conductor type (wire) strand class 6  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 $\Omega$ /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  Max. operating temperature (static) 40 °C  Max. 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  Gasoline resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 6 × Outer diameter  Bending radius (fixed) 12 × Outer diameter  No. of bending cycles (C-track) 5 m @ 25 °C  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 $\Omega \pm 15 \% \otimes 1$ MHz  Electrical resistance line constant wire 79,5 $\Omega$ /km $\otimes$ 20 °C  AC withstand voltage (wire - wire) 1,5 kV $\otimes$ 60 s  Electrical capacity line constant (wire - wire) 60000 pF/km  Power frequency withstand voltage (wire - iacket) 1,5 kV $\otimes$ 60 s  AC withstand voltage (wire - shield) 1,5 kV $\otimes$ 60 s  AC withstand voltage (wire - shield) 1,5 kV $\otimes$ 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  Gil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 6 x Outer diameter  Bending radius (fixed) 2 Mio. $\otimes$ 25 °C  Traversing distance (C-track) 5 m $\otimes$ 25 °C		···
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3,2 A  Characteristic impedance $100 \Omega \pm 15 \% 0 1 \text{ MHz}$ Electrical resistance line constant wire 79,5 $\Omega$ /km @ 20 °C  AC withstand voltage (wire - wire) $1.5 \text{ kV} \otimes 60 \text{ s}$ Electrical capacity line constant (wire - wire) $60000 \text{ pF/km}$ Power frequency withstand voltage (wire - jacket) $1.5 \text{ kV} \otimes 60 \text{ s}$ AC 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) $-40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $-30 \text{ °C}$ Operating temperature max. (dynamic) $-70 \text{ °C}$ Flame resistance $-1000000000000000000000000000000000000$		
Current load capacity min. wire $3.2 \text{ A}$ 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) $60000 \text{ pF/km}$ Power frequency withstand voltage (wire - iacket) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $-40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $-30 \text{ °C}$ Operating temperature max. (dynamic) $70 \text{ °C}$ Flame resistance IEC $60332 \cdot 2 \cdot 2 \mid \text{UL} 1581 \text{ § } 1100 \text{ FT2} \mid \text{UL} 1581 \text{ § } 1090$ chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing $  \text{DIN} \text{ EN} 60811 \cdot 404  $ Bending radius (fixed) $6 \times \text{Outer diameter}$ Bending radius (dynamic) $12 \times \text{Outer diameter}$ No. of bending cycles (C-track) $2 \text{ Mio. @ } 25 \text{ °C}$ Traversing distance (C-track) $5 \text{ m} @ 25 \text{ °C}$		
Characteristic impedance $100 \Omega \pm 15 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $79.5 \ \Omega \text{/km} @ 20 \ ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) $60000 \text{ pF/km}$ 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 (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 $100 \ ^{\circ}\text{C} = 00000000000000000000000000000000000$		
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 (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  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C		
AC withstand voltage (wire - wire)  Electrical capacity line constant (wire - wire)  Fower frequency withstand voltage (wire - jacket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - wire - shield)  AC withstand voltage (wire - withstand voltage (wire - shield)  AC withstand voltage (wire - withstand voltage (wire - shield)  AC withstand voltage (wire - withstand voltage (wire - withstand voltage (wire - shield)  AC withstand voltage (wire - withstand voltage (wire - withstand voltage (	<u> </u>	
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  No. of bending cycles (C-track) 5 m @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	Electrical resistance line constant wire	
Power frequency withstand voltage (wire - jacket)  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  No. of bending cycles (C-track)  5 m @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C		·
AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  Min. operating temperature (static)  Max. operating temperature (fixed)  Moreover time temperature (fixed)  Moreover time temperature (fixed)  Moreover time 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)  12 x Outer diameter  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C		60000 pF/km
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (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  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C	. ,	1,5 kV @ 60 s
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  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C	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 × Outer diameter  Bending radius (dynamic)  12 × Outer diameter  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)  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  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C	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  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	Operating temperature min. (dynamic)	-30 °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 No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C	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) 6 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	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) 6 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	chemical resistance	Good, application-related testing
Bending radius (fixed) 6 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)  12 x Outer diameter  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C	Oil resistance	Good, application-related testing   DIN EN 60811-404
No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C	Bending radius (fixed)	6 x Outer diameter
Traversing distance (C-track) 5 m @ 25 °C	Bending radius (dynamic)	12 x Outer diameter
	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track) 3 m/s @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C
	Travel speed (C-track)	3 m/s @ 25 °C