

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

PUR 3x2x0.25 shielded vt 12m

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

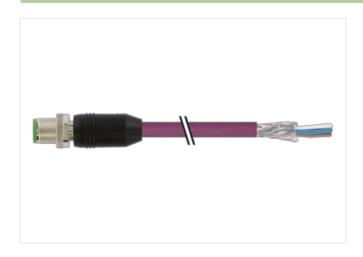
Further cable lengths on request.

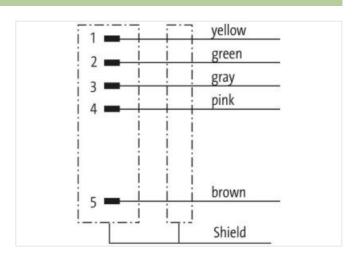
Plastic housings with good resistance against chemicals and oils.

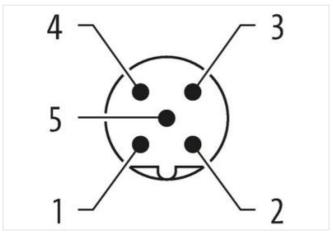
The resistance to aggressive media should be individually tested for your application. Further details on request.

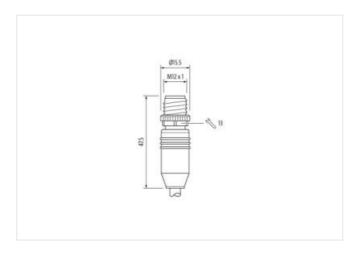
## **Link to Product**

## 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)	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	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
	Bit 2.1 010/02 101 (WIL)
Installation   Cable	
Installation   Cable Cable identification	799



stay connected

Stranding (type 2) 3 Stranded joints with 3 Filler twisted Cable shielding (type) copper braid, trinned Cable shielding (type) copper braid, trinned Cable shielding (overage) 85 % Banding Fleece Filter yes Wite arrangement (white, brown), (gray, pink), (green, yellow) No. of bending cycles (C-track) 2 Mo. @ 25 °C Cable weight 76,48 g im Material jacket PUR Store hardness jacket PUR Store hardness glacket) 1,7 mm Tolerandom from ingredients (glacket) 7,7 mm Tolerandom from ingredients (glacket) 7,8 mm Material wire insulation PE Amount wires 6 Cuber diameter tolerance core insulation 1,4 mm Quier diameter tolerance core insulation 1,5 mm Quier diameter tolerance	Stranding	2 wires twisted
Cable shelding (coverage) 85 % Bandring Fleece Filler yes Wes arrangement (white brown), (gray, pink), (groen, yellow) No. of bending cycles (C-track) 2 Mo. @ 25 °C Cable weight 72,49 grm Malarieria jacket PEG Freedom from ingedients (jacket) 85 ± 5 Shore A Freedom from ingedients (jacket) 12,7 mm Colerance outer diameter (jacket) 2,7 mm Colerance outer diameter (jacket) 2,7 mm Colerance outer diameter (jacket) 2,5 % Malarieria vive insulation PE Annount vires Couter diameter insulation 1,4 mm Coller diameter insulation 5,5 ± 5 Shore D Ingerdent fromeas wire insulation 5,5 ± 5 Shore D Diameter of single wires Conductor consecution vive insulation 1,4 mm Coller diameter insulation 5,0 ± 5 % Malarieria vive insulation 5,0 ± 5 % Malarieria conductor wire (Size out of single wires Conductor consecution vive) 3,2 mm Malarieria conductor wire Size out of single wires Conductor type (wire) 1,2 5 mm² Malarieria conductor wire Size out of single wires Conductor type (wire) 1,2 5 mm² Malarieria conductor wire Size out of size out of single wires Conductor type (wire) 1,2 5 mm² Malarieria conductor wire Size out of	Amount stranding (type 2)	1
Cable shielding (coverage)         85 %           Banding         Fleace           Filtiler         yes           wite arrangement         (white, brown), (gray, pink), (green, yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weighn         76.49 g/m           Material packet         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         7.7 mm           Tolerance outer fameter (sheath)         5.7 mm           Tolerance outer fameter (sheath)         5.5 %           Material wire insulation         PE           Outer diameter insulation         1,4 mm           Outer diameter insulation         1,4 mm           Outer diameter insulation         5.5 % Shore D           Shore hardness wire insulation         1,5 % Shore D           Ingredient freeness wire insulation         1,6 mm           Conductor crosssection (wire)         0,25 mm²           Material conductor wire         Shared copper wire, bare           Conductor place in graph (stance)         <	Stranding (type 2)	3 Stranded joints with 3 Filler twisted
Banding   Fiece   Field   F	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement (white, brown), (gray, pink), (green, yellow) No. of bending cycles (C-track) 2 Mo. @ 25 °C Cable weight 76.49 g/m Material picket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (gacket) 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 G Outer diameter outer insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation 1,5 ± 5 % Shore hardness wire insulation 1,4 mm Outer diameter tolerance core insulation 1,5 ± 5 % Shore hardness wire insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerances wire insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerances wire insulation 1,4 mm Outer diameter tolerance tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,4 mm Outer diameter tolerance core insulation 1,5 ± 5 % Shore D Outer diameter tolerance core insulation 1,5 ± 5 % Outer diameter tolerance core insulation 1,5 ± 5 % Outer diameter tolerance necessaries (Tolerance tolerance necessaries tolerance necessaries (Tolerance necessaries necessaries (Tolerance necessaries n	Cable shielding (coverage)	85 %
wire arrangement         (white, brown), (gray, pink), (green, yellow)           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         76,49 gm           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingeridents (jacket)         7,7 mm           Tolerance outer diameter (jacket)         7,7 mm           Tolerance outer diameter (shealth)         ± 5 %           Material vire incultation         1,4 mm           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         1,5 mm           Shore hardness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         1,6 mm           Ingredient freeness wire insulation         9,2 mm²           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C           Current load capacity (standard)         10 IN VDE (298-4           Current load capacity min. wire         3,2 A           Clientcial resistance line constant wire         79,5 QKm @ 20 °C <td>Banding</td> <td>Fleece</td>	Banding	Fleece
No. of bending cycles (C-track)  2 Mio. @ 25 °C  Gabbe weight 76,49 g/m  Material jacket  PUR  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  Louter-diameter (jacket)  7,7 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PE  Amount wires  6 Couter diameter insulation  Outer diameter insulation  PE  Amount wires insulation  1,4 mm  Outer diameter insulation  Duter diameter insulation  1,4 mm  Outer diameter insulation  1,4 mm  Outer diameter insulation  1,4 mm  Outer diameter insulation  1,5 %  Material wire insulation  1,4 mm  Outer diameter insulation  1,4 mm  Outer diameter insulation  1,5 %  Material conductor ore insulation  1,4 mm  Outer diameter insulation  1,4 mm  Outer diameter insulation  1,4 mm  Outer diameter insulation  1,5 %  Material conductor wire insulation  S5 ± 5 Shore D  Ingredient freeness wire insulation  1,4 mm  Outer diameter insulation  1,5 mm  1,5 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  1,5 m @ 25 °C  Current load capacity (standard)  1,5 m @ 25 °C  Current load capacity (standard)  1,5 m @ 25 °C  Current load capacity (standard)  1,5 m @ 25 °C  Current load capacity (standard)  1,5 kV @ 0 10 Pt   15 % @ 1 MHz  Electrical capacity (inconstant wire)  Mominal voltage power (wire - shield)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - shield)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0 S  Power frequency withstand voltage power (wire - wire)  1,5 kV @ 0 0	Filler	yes
Cable weight         76,49 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         85 ± 5 Shore A           Outer diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 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         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         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         55 ± 5 Shore D           Ingredient freeness wire insulation         55 ± 5 Shore D           Ingredient freenes	wire arrangement	(white, brown), (gray, pink), (green, yellow)
Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         7.7 mm           Tolerance outer diameter (health)         ± 5 %           Material vice national cuter diameter (health)         ± 5 %           Amount wires         6           Outer diameter insulation         1.4 mm           Outer diameter insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         22           Ingredient freeness wire insulation         22           Diameter of single wires         0.1 mm           Conductor crosssection (wire)         3.2 m²           Diameter of single wires         0.1 mm           Conductor translation (wire)         0.25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C           Current load capacity (int. wire)         3.2 A           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance line constant (wire - wire)         100 Ω ± 15 % @ 1 MHz           Electrical resistance line constant (wire - wire)	No. of bending cycles (C-track)	2 Mio. @ 25 °C
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 lostrance core insulation         1,4 mm           Outer diameter outerance core insulation         ± 5 %           Shore hardness wire insulation         55 ± 5 Shore D           Impedient reseass wire insulation         1,4 mm           Outer diameter of single wires         0,1 mm           Conductor crosssection (wire)         32           Diameter of single wires         0,1 mm           Conductor type (wire)         strand class 6           Traversing distance (C-track)         5 m @ 25 °C           Current load capacity (standard)         10 IN VDE 0298-4           Current load capacity (standard)         10 IN VDE 0298-4           Current load papacity line constant wire         79,5 Q Km @ 20 °C           Nominal voltage power AC max.         125 V           Electrical capacity line constant (wire - wire)         0,000 pF/km           AC withstand voltage power (wire - shield)         1,5 kV @ 60 s <t< td=""><td>Cable weigth</td><td>76,49 g/m</td></t<>	Cable weigth	76,49 g/m
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Toterance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter tolerance core 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           Current load capacity (standard)         to DIN VDE 0298-4           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 capacity line constant wire         79,5 Ω/km @ 20 °C           Nominal vollage power (wire - wire) (power)         60000 pF/km           AC withstand voltage power (wire - wire)         1,5 kV	Material jacket	PUR
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 rosssection (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           Current load capacity (standard)         to DIN VDE 0298-4           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 resistance line constant wire         79,5 Ωkm @ 20 °C           Nominal voltage power AC max.         125 V           Electrical capacity line constant (wire - wire)         60000 pF/km           Opewer frequency withstand voltage power <td>Shore hardness jacket</td> <td>85 ± 5 Shore A</td>	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PE  Amount wires 6  Outer diameter insulation 1,4 mm  Outer diameter rolerance core insulation ± 5 %  Shore hardness wire insulation 55 ± 5 Shore D  Ingredient freeness wire insulation 1 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 Strand class 6  Traversing distance (C-track) 5 m @ 25 °C  Current load capacity (standard) to DIN VDE 0298-4  Characteristic impedance 100 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire 79,5 Ω/km @ 20 °C  Nominal voltage power (wire - wire) (power)  AC withstand voltage power (wire - wire) (power)  AC withstand voltage power (wire - wire) (power)  Min. operating temperature (fixed) 80 °C  Coperating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Coperating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operat	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation         PE           Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter folerance core insulation         55 ± 5 Shore D           Ingredient freeness 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 rosssection (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           Courrent load capacity (standard)         to DIN VDE 0298-4           Current load capacity inin, wire         3,2 A           Characteristic impedance         100 Q ± 15 % @ 1 MHz           Electrical resistance line constant wire         79,5 Q mm @ 0° C           Nominal voltage power AC max.         125 V           Electrical capacity line constant (wire - wire) (power)         1,5 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (min. (dynamic)         70 °C	Outer-diameter (jacket)	7,7 mm
Amount wires         6           Outer diameter insulation         1,4 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         5± 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           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           Nominal voltage power AC max.         125 V           Electrical resistance line constant (wire - wire)         60000 pF/km           (power)         1,5 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temp	Tolerance outer diameter (sheath)	±5%
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 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           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (inn. wire         3,2 A           Characteristic impedance         100 Ω±15 % @ 1 MHz           Electrical resistance line constant wire         79,5 Ω/km @ 20 °C           Nominal voltage power AC max.         125 V           Electrical capacity line constant (wire - wire)         60000 pF/km           AC withstand voltage power (wire - shield)         1,5 kV @ 60 s           Power frequency withstand voltage power (wire - wire)         1,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (stat	Material wire insulation	PE
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 stands (wire)         32           Diameter of single wires         0,1 mm           Conductor crosssection (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor (ype (wire)         strand class 6           Conductor (C-track)         5 m @ 25 °C           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           Nominal voltage power AC max.         125 V           Electrical capacity line constant (wire - wire)         60000 pF/km           AC withstand voltage power (wire - shield)         1,5 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1,5 kV @ 60 s           AC withstand voltage power (wire - wire)         1,5 kV @ 60 s           Max. operating temperature (static)         40 °C           Max. operating tem	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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Characteristic impedance 100 Ω ± 15 % @ 1 MHz Electrical resistance line constant wire 79,5 Ω/km @ 20 °C Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) (power) AC withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 1,5 kV @ 60 s AC withstand volt	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 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  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  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 1,5 kV @ 60 s  Max. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 70 °C  Flame resistance Ec 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 IDIN EN 60811-404  Bending radius (fixed) 6 × 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-tack) 5 m @ 25 °C  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 \( \Omega \pm \) 15 % @ 1 MHz  Electrical resistance line constant wire 79,5 \( \Omega \pm \) @ 20 °C  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) 60000 pF/km  (power) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (static) -30 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance (EG 60332-2-2   UL 1581 \signin 10N EN 60811-404  Bending radius (fixed) 6 x Outer diameter  Bending radius (fixed) 6 x Outer diameter	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  Current load capacity fini. wire 3,2 A  Characteristic impedance 100 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire 79,5 Ω/km @ 20 °C  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) (wire - wire) (wire - yire) 40°C  Max. operating temperature (static) 40°C  Max. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 6 x Outer diameter	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire)  O, 25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  strand class 6  Traversing distance (C-track)  5 m @ 25 °C  Current load capacity (standard)  Current load capacity min. wire  3,2 A  Current load capacity min. wire  3,2 A  Characteristic impedance  100 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire  79.5 D/km @ 20 °C  Nominal voltage power AC max.  125 V  Electrical capacity line constant (wire - wire)  (power)  AC withstand voltage power (wire - shield)  AC withstand voltage power (wire - shield)  1,5 kV @ 60 s  Power frequency withstand voltage power (wire - shield)  AC withstand voltage power (wire - wire)  Max. operating temperature (static)  AC of C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  70 °C  Flame resistance  [EC 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	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         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         Nominal voltage power AC max.       125 V         Electrical capacity line constant (wire - wire) (power)       60000 pF/km         AC withstand voltage power (wire - shield)       1,5 kV @ 60 s         Power frequency withstand voltage power (wire - wire)       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	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6  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 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire 79,5 Ω/km @ 20 °C  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) (power) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 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 EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gil 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	Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Traversing distance (C-track) $5 \text{ m} \otimes 25 ^{\circ}\text{C}$ Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire $3.2 \text{ A}$ Characteristic impedance $100 \Omega \pm 15\% \otimes 1 \text{ MHz}$ Electrical resistance line constant wire $79.5 \Omega/\text{km} \otimes 20 ^{\circ}\text{C}$ Nominal voltage power AC max. $125 \text{ V}$ Electrical capacity line constant (wire - wire) (power) $60000 \text{ pF/km}$ AC withstand voltage power (wire - shield) $1.5 \text{ kV} \otimes 60 \text{ s}$ Power frequency withstand voltage power (wire - wire) $(\text{min} \times \text{min} $	Material conductor wire	Stranded copper wire, bare
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  Nominal voltage power AC max. $125 \text{ V}$ Electrical capacity line constant (wire - wire) (power) $60000 \text{ pF/km}$ AC withstand voltage power (wire - shield) $1,5 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power (wire - wire) $1,5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage power (wire - wire) $1,5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage power (wire - wire) $1,5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage power (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ 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 $[EC 60332-2-2 \text{   UL 1581 § 1100 FT2   UL 1581 § 1090}$ chemical resistance $Good$ , application-related testing  Gasoline resistance $Good$ , application-related testing  Oil resistance $Good$ , application-related testing $Good$	Conductor type (wire)	
Current load capacity min. wire $3,2 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $79,5 \Omega \text{km} @ 20 \text{ °C}$ Nominal voltage power AC max. $125 \text{ V}$ Electrical capacity line constant (wire - wire) (power) $60000 \text{ pF/km}$ AC withstand voltage power (wire - shield) $1,5 \text{ kV} @ 60 \text{ s}$ Power frequency withstand voltage power (wire - wire) (wire - included) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage power (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ AC withstand voltage power (wire - wire) $1.5 \text{ kV} @ 60 \text{ s}$ 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 $1\text{EC} 60332 \cdot 2 \cdot 2 \cdot 1 \text{ UL} 1581 \$ 1100 \text{ FT2} \cdot 1 \text{ UL} 1581 \$ 1090$ chemical resistance $3\text{ Good}$ , application-related testing}  Gasoline resistance $3\text{ Good}$ , application-related testing}  Oil resistance $3\text{ Good}$ , application-related testing}  Dil resistance $3\text{ Good}$ , application-related testing}  Dil Resistance $3\text{ Good}$ , application-related testing}  Oil resistance $3\text{ Good}$ , application-related testing}  Oil resistance $3\text{ Good}$ , application-related testing}  Dil Resistance $3\text{ Good}$ , application-related testing}	Traversing distance (C-track)	5 m @ 25 °C
Characteristic impedance 100 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire 79.5 Ω/km @ 20 °C  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) (power) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) (wire - jacket) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 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	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 79,5 \( \Omega \text{L/km} \) \( \omega \text{20 °C} \)  Nominal voltage power AC max. 125 V  Electrical capacity line constant (wire - wire) (power) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV \( \omega \text{60 s} \)  Power frequency withstand voltage power (wire - wire) 1,5 kV \( \omega \text{60 s} \)  AC withstand voltage power (wire - wire) 1,5 kV \( \omega \text{60 s} \)  AC withstand voltage power (wire - wire) 1,5 kV \( \omega \text{60 s} \)  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 \( \xi \) 1100 FT2   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) 6 x Outer diameter	Current load capacity min. wire	3,2 A
Nominal voltage power AC max.  125 V  Electrical capacity line constant (wire - wire) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 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	Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical capacity line constant (wire - wire) (power) 60000 pF/km  AC withstand voltage power (wire - shield) 1,5 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1,5 kV @ 60 s  AC withstand voltage power (wire - wire) 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	Electrical resistance line constant wire	79,5 Ω/km @ 20 °C
AC withstand voltage power (wire - shield)  1,5 kV @ 60 s  Power frequency withstand voltage power (wire - jacket)  1,5 kV @ 60 s  AC withstand voltage power (wire - wire)  1,5 kV @ 60 s  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature (fixed)  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	Nominal voltage power AC max.	125 V
Power frequency withstand voltage power (wire - piacket)  AC withstand voltage power (wire - wire)  1,5 kV @ 60 s  Min. operating temperature (static)  Max. operating temperature (fixed)  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	Electrical capacity line constant (wire - wire) (power)	60000 pF/km
(wire - jacket)  AC withstand voltage power (wire - wire)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  AC withstand voltage power (wire - wire)  Max. operating temperature (fixed)  AC withstand voltage power (wire - wire)  AC withstand voltage power (wire withstand voltage power (wire)  AC withstand voltage power (wire)  A	AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
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	Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
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	AC withstand voltage power (wire - wire)	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	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	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	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	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	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	chemical resistance	Good, application-related testing
Bending radius (fixed) 6 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic) 12 x Outer diameter	Bending radius (fixed)	6 x Outer diameter
	Bending radius (dynamic)	12 x Outer diameter