

stay connected

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

PUR 3x2x0.25 shielded vt 25m

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

Further cable lengths on request.

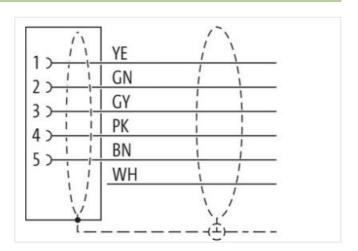
Plastic housings with good resistance against chemicals and oils.

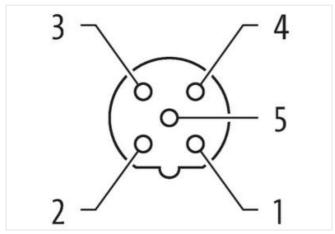
The resistance to aggressive media should be individually tested for your application. Further details on request.

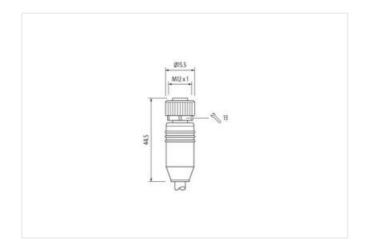
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

25 m

Side 1



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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	4048879556873
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	
	inparted paraused
Additional condition protection degree Pollution Degree	inserted, screwed 3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1,5 KV
	'
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.	-25 °C 85 °C
Operating temperature min. Operating temperature max.	
Operating temperature min. Operating temperature max. Additional condition temperature range	85 °C
Operating temperature min.  Operating temperature max.  Additional condition temperature range  Important installation notes	85 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range	85 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief	85 °C depending on cable quality  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be



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Annount stranding         3           Stranding         2 wires briefed           Annount stranding (type 2)         1           Stranding (type)         3 Stranded joints with 3 Filler twisted           Cable shielding (type)         copper freed, Inned           Each shielding (type)         85 %           Bab shielding (type)         85 %           Bab shielding (type)         (white, thorw), (gray, pink), (green, yellow)           Cable weight         76 49 gm           Material glacket         PUR           Freedom from impredients (jacket)         10 Bud Freez, cadmium-free, CFC-free, halogen-free, silicone-free           Freedom from impredients (jacket)         7,7 mm           Foreigneet (glacket)         1,4 mm           Cuter diameter (sive in insulation         1,4 mm           Foreigneet (glacket)         5,5 %           Foreigneet (glacket)         5,5 %           Fore	Jacket Color	violet
Amount stranding (type 2)         3 Stranded joints with 3 Filler twisted           Cable shiekting (type)         copper braid, funed           Cable shiekting (coverage)         85 %           Bandring         Fleece           Filter         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weigh         76,49 gm           Material jacket         PUR           Shore hardness jacket         55 ± 5 Shore A           Freedom from ingredients (jacket)         7,7 mm           Cuter-diameter (speker)         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 %           Shore hardness wire insulation         5 %           Ingredient freeness wire insulation         5 %           Ingr	Amount stranding	3
Stranding (type 2)   3   Stranded joints with 3 Filler twisted	Stranding	2 wires twisted
Cable shielding (type)         copper braid, finned           Cable shielding (coverage)         85 %           Bandring         Filece           Filler         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weighh         76,49 g/m           Material jacket         PUR           Shore hardness (acket)         85 ± 5 Shore A           Freedon from ingoedients (gabet)         lead free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         2 5 %           Material wire insulation         7 7 mm           Outer diameter (jacket)         2 5 %           Material wire insulation         1,4 mm           Outer diameter (inverance core insulation         1,4 mm           Outer diameter (inverance core insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Ingredient fleeness wire insulation         55 ± 5 Shore D           Conductor type (wire)	Amount stranding (type 2)	1
Cable shielding (coverage)         85 %           Banding         Fleece           Filler         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weight         76.49 g/m           Material jacket         PUR           Shore hardness jacket         85.15 Shore A           Freedom from ingredients (jacket)         7.7 mm           Outer diameter (jacket)         7.7 mm           Tolerance outer diameter (hearth)         1.5 %           Amount wires         6           Outer diameter folerance core insulation         9E           Amount wires wire insulation         55.5 Shore D           Outer diameter tolerance core insulation         55.5 Shore D           Ingredient freeness wire insulation         55.5 Shore D           Ingredient freeness wire insulation         55.5 Shore D           Onductor consecuted (wire)         32           Diameter of single wires         0,1 mm           Conductor treases wire insulation         55.5 Shore D           Ingredient freeness wire insulation         55.5 Shore D           Material conductor wire         Stranded opper wire, bare           Conductor (yellow)         57.5 Shore D           Ingredient freeness wire insulation         <	Stranding (type 2)	3 Stranded joints with 3 Filler twisted
Banding         Fleece           Filter         yes           wire arrangement         (white, brown), (gray, pink), (green, yellow)           Cable weight         76,49 g/m           Material jacket         PUR           Shore hardness jacket         65 ± 5 Shore A           Freedom from ingredients (gacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Tolerance buter dameter (sheath)         4 5 %           Material wire insulation         PE           Outer diameter insulation         1,4 mm           Outer diameter insulation         5 5 Shore D           Shore hardness wire insulation         5 5 Shore D           Ingredient freeness wire insulation         5 1 mm           Conductor type (wire ship wire ship wire ship wire sh	Cable shielding (type)	copper braid, tinned
Filter wire arrangement (white, brown), (gray, pink), (green, yellow)  Alterial jacket PUR Shore hardness jacket PUR Material wire insulation PE Amount wires 6 6 Curter diameter insulation 1.4 mm Cuter diameter insulation 1.4 mm Cuter diameter insulation 1.5 ± 5 % De Shore hardness wire insulation 1.5 ± 5 % De Shore hardness wire insulation 1.5 ± 5 % De Shore hardness wire insulation 1.5 ± 5 % De Diameter of single wires 0.1 mm Cuter diameter wire insulation 1.5 ± 5 % De Diameter of single wires 0.1 mm  Material conductor wire Stranded copper wire, bare Conductor or pressection (wire) 2.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded conductor wire) Stranded copper wire, bare Conductor type (wire) Stranded co	Cable shielding (coverage)	85 %
wire arrangement         (whitle, 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         FE           Outer diameter insulation         1,4 mm           Outer diameter insulation         5 ± 5 Shore D           Outer diameter insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         1,4 mm           Outer diameter insulation         5 ± 5 Shore D           Ingredient freeness wire insulation         1,4 mm           Conductor trype (wire)         32           Diameter of single wires         0,1 mm           Conductor type (wire)         0,25 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         stranded capper wire, bare           Traversing distance (C-track)         5 m @ 25 °C           Nominal voltage (wire)         3,2 A           Current load capacity	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, sillicone-free           Outer-diameter (jacket)         7.7 mm           Material wire insulation         PE           Amount wires         6           Cluster diameter insulation         1.4 mm           Outer diameter insulation         5 ± 5 Shore D           Under diameter insulation         5 ± 5 Shore D           Shore hardness wire insulation         5 ± 5 Shore D           Ingredient freeness 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 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 rim, wire         3,2 A           Characteristic inspectance         100 Ω ± 15 % @ 1 MHz           Electrical spa	Filler	yes
Material jacket   PUR   Shore hardness jacket   Shore A   Set 5 Shore A   Se	wire arrangement	(white, brown), (gray, pink), (green, yellow)
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 lolerance core insulation         1,4 mm           Outer diameter lolerance core insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Ingredient freeness wire insulation         15 ± 5 Shore D           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor or 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 voitage AC max         125 V	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           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PE           Amount wires         6           Outer diameter insulation         1,4 mm           Uoter diameter folerance core insulation         ± 5 %           Shore hardness wire insulation         55 ± 5 Shore D           Ingredient freeness wire insulation         lead-free, FC-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 copper wire, bare           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)         100 0 ± 1 5 % @ 1 MHz           Electrical resistance line constant (wire - wire)         5,5 kW @ 60 s           Electrical capacity line constant (wire - wire)         1,5 kW @ 60 s           Electrical capacity line constant (wire - wire)	Material jacket	PUR
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 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 2094-4           Current load capacity min wire         3.2 A           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical capacity 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 - sheld)	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)	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 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           Taversing 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)         6000 pF/km           Power frequency withstand voltage (wire - sine)         1,5 kV @ 60 s           Min. operating temperature (fixed)         40 °C           Max. oper	Outer-diameter (jacket)	7,7 mm
Amount wires         6           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           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)         1,5 kV @ 60 s           Electrical capacity withstand voltage (wire - shield)         1,5 kV @ 60 s	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           Ingradient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         32           Diameter of single wires         0,1 mm           Conductor vire         Stranded copper wire, bare           Conductor Vire (wire)         \$1 stranded copper wire, bare           Conductor Vire (wire)         \$1 stranded copper wire, bare           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 - 3/5,5 km @ 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 prevature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (min. (dynamic)         70 °C<	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 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         71,5 kV @ 60 s           Electrical capacity line constant (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 (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (static)	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 min. wire         3,2 A           Characteristic impedance         100 02 ± 15 % @ 1 MHz           Electrical resistance line constant wire         79,5 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         60000 pF/km           Power frequency withstand voltage (wire - shield)         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           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (min. (dynamic)         70 °C           Coperating temperature min. (dynamic)<	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  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 fine constant (wire - wire) 60000 pF/km  Power frequency withstand voltage (wire - shield) 1,5 kV @ 60 s  Min. operating temperature (statc) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance 1EC 60332-2-2 [ UL 1581 § 1100 FT2 [ UL 1581 § 1090 chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Bending radius (fixed) 6 x Outer diameter  Bending radius (dynamic) 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 win. wire 3,2 A  Characteristic impedance 100 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire 79,5 Ωkm @ 20 °C  AC withstand voltage (wire - wire) 1,5 kV @ 60 s  Electrical capacity with stand voltage (wire - wire) 60000 pF/km  Power frequency withstand voltage (wire - sheld) 1,5 kV @ 60 s  AC withstand voltage (wire - sheld) 1,5 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (static) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance EC Good, application-related testing Casoline resistance Good, application-related testing  Bending radius (fixed) 6 x Outer diameter  Bending radius (dynamic) 12 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)         stand 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)         60000 pF/km           Power frequency withstand voltage (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 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           B	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         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 - inacket)       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   DIN EN 60811-404         Bending radius (fixed)       6 x Outer dia	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)  Current load capacity min. wire  3,2 A  Characteristic impedance  10 Ω ± 15 % @ 1 MHz  Electrical resistance line constant wire  79,5 Ωkm @ 20 °C  AC withstand voltage (wire - wire)  Electrical capacity line constant (wire - wire)  Flacket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  I,5 kV @ 60 s  Min. operating temperature (static)  AO °C  Max. operating temperature (fixed)  Bo °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  Oil resistance  Good, application-related testing  Oil resistance  Good, application-related testing  Bending radius (fixed)  6 × Outer diameter  Bending radius (fixed)  6 × Outer diameter  Bending radius (dynamic)  12 × Outer diameter	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 (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   DIN EN 60811-404         Bending radius (fixed)       6 x Outer diameter         Bending radius (dynamic)       12 x Outer diameter	Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Traversing distance (C-track) $5 \text{ m} \otimes 25 ^{\circ}\text{C}$ Nominal voltage AC max. $125 \text{ V}$ Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire $3.2 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 ^{\circ} \otimes 1 \text{ MHz}$ 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) $60000 \text{ pF/km}$ 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 $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Good, application-related testing $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Gasoline resistance $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Good, application-related testing $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Oil resistance $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Good, application-related testing $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Bending radius (fixed) $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$ Bending radius (fixed) $100 ^{\circ}\text{C} \otimes 100 ^{\circ}\text{C}$	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 $\Omega$ /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 - 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  Gasoline resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 6 × Outer diameter  Bending radius (dynamic) 12 × 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) $60000 \text{ pF/km}$ Power frequency withstand voltage (wire - size and voltage (wire - size and voltage) $60000 \text{ pF/km}$ Power frequency withstand voltage (wire - size and voltage) $60000 \text{ pF/km}$ AC withstand voltage (wire - shield) $1.5 \text{ kV} @ 60 \text{ s}$ Min. operating temperature (static) $60000 \text{ pF/km}$ Max. operating temperature (fixed) $60000 \text{ pF/km}$ Operating temperature min. (dynamic) $600000 \text{ pF/km}$ Power frequency withstand voltage (wire - shield) $600000 \text{ pF/km}$ Max. operating temperature (fixed) $6000000000000000000000000000000000000$	Traversing distance (C-track)	5 m @ 25 °C
Current load capacity min. wire 3,2 A  Characteristic impedance 100 $\Omega$ ± 15 % @ 1 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 - 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    Gir resistance Good, application-related testing    Dil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 6 x Outer diameter	Nominal voltage AC max.	125 V
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 (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	Current load capacity (standard)	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 - 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	Current load capacity min. wire	3,2 A
AC withstand voltage (wire - wire)  Electrical capacity line constant (wire - wire)  Power frequency withstand voltage (wire - jacket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire - shield)  Min. operating temperature (static)  AC withstand temperature (fixed)  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  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	Characteristic impedance	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 × Outer diameter  Bending radius (dynamic) 12 × Outer diameter	Electrical resistance line constant wire	79,5 Ω/km @ 20 °C
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 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	AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Jacket)  AC withstand voltage (wire - shield)  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	Electrical capacity line constant (wire - wire)	60000 pF/km
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		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  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 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	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	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	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	chemical resistance	Good, application-related testing
Bending radius (fixed) 6 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 12 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
	Bending radius (fixed)	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