

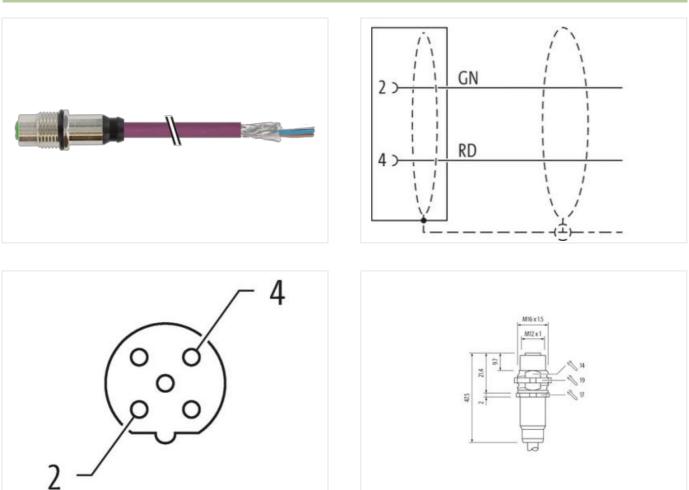
## M12 female recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1.5m

Flange female M12, 2-pole B-coded shielded Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product





Product may differ from Image

Cable length	1,5 m		
Side 1			
Tightening torque	0,6 Nm		

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	В
Material contact	Copper alloy
Material	Brass
No. of poles	2
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279221
ECLASS-6.1	27279220
ECLASS-0.1 ECLASS-7.0	27440103
ECLASS-7.0 ECLASS-8.0	27440103 27440103
ECLASS-9.0	27440103 27440103
ECLASS-9.0 ECLASS-10.1	27440103 27440103
ECLASS-10.1 ECLASS-11.1	27440103 27440103
ECLASS-11.1 ECLASS-12.0	27440103
ECLASS-12.0 ETIM-5.0	EC001855
customs tariff number GTIN	85444290
	4048879513944
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
Diagnostics	
Status indication LED	no
Installation   Connection	
	20 mm
Stripping length (jacket)	20 mm
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection   Electrical	
Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	nickel plated
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Brass
Material screw connection	Brass
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
-	
Looking techniques Environmental characteristics   Climati mation in this Product-PDF has been compiled with	

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Operating temperature max.         85 °C           Additional condition temperature may.         depending on cable quality           Important installation notes         Important installation notes           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Additional relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Approvals         UL SOE         yes           UL SOE         yes         Installation (Cable           Anount stainading         1         Cable dentification           Anount stainading         1         Stainading           Type of Cortificate         UPus         Anount stainading           Cable shiding (type)         coper braid, tinned         Cable shiding (coverage)           Banding         Fleero, Foil         Filler           Filler         yes         Weis arangement         red, green           Cable shiding (tipkel)         Red, green         Cable shiding (tipkel)         Red, green           Cable weight         70.4 g/m         Material jacket         PUR           Shore hardness jacket	Operating temperature min.	-25 °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 lies.           Note on banding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.           Approvals         Ut. SOE         yes           Ut. SOE         yes           Installation ( Cable         Cable identification           Started Cop         violet           Type of Certificate         cURus           Anount stranding         1           Stranding         2 wires with 2 Filler twisted           Cable identification         85 %           Banding         Filler wisted           Cable weigh         704 g/m           Material jacket         904 g/m           Material jacket         915 g/m           Filler         yes           wire arrangement         red, green           Cable weigh         70.4 g/m           Material jacket         912 g/m           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (ricaket)         7.7 mm           Tolerance outer diamete	Operating temperature max.	85 °C	
Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending forces.           Approvals         U           UL SDE         yes           Installation [Cable         Connectors by suitable measures from mechanical loads, e.g. by the usage of cable dentification           Batalitation [Cable         View           Cable identification         B41           Jacket Color         violat           Type of Certificate         CURus           Annount stranding         1           Stranding         2 wires with 2 Filler twisted           Cable shelling (coverage)         85 %           Banding         Filee row yes           Wrie arrangement         red, green           Cable weight         70.4 grm           Material locket         87 1.3 Shore A           Freedom trom ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free           Outer diameter (jacket)         15 %           Anount strands (wire)         19           Diameter blearce core nore insulation         4.5 %           Shore Barchesses scients wire insulation         6.4 AWG           Outer diameter blearce core nore (scientin + free, Cadmi		depending on cable quality	
Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Approval         UL SDE         yes           Installation I Cable         Cable idontification         841           Jacket Color         violet         Type of Certificate         culRus           Amount stranding         1         Type of Certificate         culRus           Amount stranding         2 wires with 2 Filter twisted         Cable shielding (type)         copper braid, tinned           Cable shielding (type)         copper braid, tinned         Cable shielding (coverage)         85 %           Banding         Filter twisted         Cable shielding (coverage)         85 %           Banding         Filer experiment         red, green           Cable weigh         70,4 g/m         Material jacket         PUR           Shore hardness jacket         87 ± 3 Shore A         Freedom from ingredents (jacket)         7.7 mm           Tolerance outer diameter (sheath)         ± 5 %         Shore hardness wire insulation         2.25 mm           Outer diameter fuorance core insulation         1.25 fm         Shore bardness wire insulation         1.25 fm           Outer diameter insulation         1.25 %         Shore hardness wire insulation	Important installation notes		
Note on bending radius         Attention: Observe the permissible banding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Approvals         UL SOE         yes           Installation I Cable         Cable identification         841           Jacket Cion         violet         Type of Certificate         cURus           Amount stranding         1         Type of Certificate         cURus           Amount stranding         2 wires with 2 Filler twisted         Cable shielding (type)         copper braid, tinned           Cable shielding (type)         copper braid, tinned         Cable shielding (coverage)         85 %           Banding         Filler         yes         Wire arangement         red, green           Cable weigh         70,4 g/m         Material jacket         PUR           Shore hardness jacket         87 ± 3 Shore A         Store hardness jacket         PUR           Outer diameter (slockt)         7.7 mm         Tolerance outer diameter (slockt)         7.7 mm           Tolerance outer diameter (slockt)         1.5 %         Sone hardness wire insulation         2.55 mm           Outer diameter isolation         2.55 mm         Couler diameter isolation         2.55 mm           Outer diameter isolation         2.55 mm         Couler diameter iso	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
U. SGE yes Installation   Cable Cable identification 841 Jacket Color violet Type of Certificate CURus Amount stranding 1 Stranding 2 wires with 2 Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper braid Cable shielding (type) copper braid Transformed (tacket) for 2.55 mm Cuber diameter toleance core insulation 2.55 mm Cuber diameter insulation core insulation is 5 % Shore hardness wire insulation is 4.5 % Conductor crosssection (wire) 24 AWG Conductor crosssection (wire) 24 AWG Conductor crosssection (wire) 24 AWG Conductor crosssection (wire) copper wire, bare Traversing distance (C-track) 5 m (e.25 °C   horizontal Neminal voltage AC max. 300 V Current load capacity fistander() to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electric capacitance (incatat) for - Xire 9 20 °C AC withstand voltage (wire - wire) 2 XVØ 60 s Electric capacitance withou to to the Strace 2 2000 pF.km	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
Installation   Cable           Cable Identification         841           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with 2 Filler twisted           Cable shielding (type)         copper braid, Inned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         red, green           Cable weigh         70.4 g/m           Material jacket         PUR           Shore A         PUR           Shore A         7.3 Shore A           Freedom from ingredients (jacket)         1.4 5 %           Amount Wries         2           Outer diameter (glocket)         7.7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount Wries         2           Outer diameter tolerance core insulation         6.2 5 mm           Outer diameter tolerance core insulation         1.5 %           Shore hardness wire insulation         6.9 3 Shore D           Ingredient freeness wire insulation         1.6 4 /ree, cadmium-free, CFC-free, halogen-free           Outer diameter tolerance core insulati	Approvals		
Installation   Cable           Cable Identification         841           Jacket Color         violet           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with 2 Filler twisted           Cable shielding (type)         copper braid, Inned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         red, green           Cable weigh         70.4 g/m           Material jacket         PUR           Shore A         PUR           Shore A         7.3 Shore A           Freedom from ingredients (jacket)         1.4 5 %           Amount Wries         2           Outer diameter (glocket)         7.7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount Wries         2           Outer diameter tolerance core insulation         6.2 5 mm           Outer diameter tolerance core insulation         1.5 %           Shore hardness wire insulation         6.9 3 Shore D           Ingredient freeness wire insulation         1.6 4 /ree, cadmium-free, CFC-free, halogen-free           Outer diameter tolerance core insulati		Ves	
Cable identification841Jacket ColorvioletType of CertificatecURusAmount stranding1Stranding2 wires with 2 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFileece, FoilFilleryesWire arrangementred, greenCable wighth70.4 g/mMaterial jacketPURShore hardness jacket87 ± 3 Shore AFreedom from ingredients (jacket)!ead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (jacket)7.7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Arount wires2Outer diameter (sheath) $\pm 5 \%$ Arount wires2Outer diameter (sheath) $\pm 5 \%$ Shore hardness wire insulation $60 \pm 3$ Shore DIngredient fearace core insulation $60 \pm 3$ Shore DIngredient reeress wire insulationlead-free, cAdmium-free, CFC-free, halogen-freeOuter diameter (sheath) $\pm 5 \%$ Shore hardness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeMount strands (wire)19Diameter of single wires24 AWGConductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontalNorminal voltage AC max.300 VCurrent load capacity mix wire4.5 AElectrical resistance line constant wire7.2 $\Omega km @ 20 °C$ AC withstand voltage (wire - wire)2		,	
Jacket Color       violet         Type of Certificate       cURus         Amount stranding       1         Stranding       2 wires with 2 Filler twisted         Cable shielding (type)       copper braid, tinned         Cable weigth       Fleece, Foil         Filler       yes         wire arrangement       red, green         Cable weigth       70.4 g/m         Material jacket       PUR         Shore hardness jacket       87 3 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free         Outer diameter (jacket)       7.7 mm         Tolerance outer diameter (sheath)       ± 5 %         Amount wires       2         Outer diameter insulation       60 ± 3 Shore D         Ingredient Thereness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19	·		
Type of CertificatecURusAmount stranding1Stranding2 wires with 2 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementred, greenCable shielding (coverage)87 4.3 Shore AFreedom from ingredients (jacket)PURShore hardness jacket87 4.3 Shore AFreedom from ingredients (jacket)1.4 Shore AFreedom from ingredients (jacket)1.5 %Amount wires2Outer diameter (sheath)1.5 %Amount wires2Outer diameter insulation2.55 mmOuter diameter insulation61 1.3 Shore DIngredient freeness wire insulation1.6 4.4 WGConductor or sessection (wire)2.4 AWGConductor or sessection (wire)1.9Diameter of single wires2.4 AWGConductor or wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontalNominal voltage AC max.300 VCurrent toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Electrica resistance line constant wire7.2 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 KV @ 60 sElectrica registance line constant wire7.2 Ω/km @ 20 °CAC withstand voltage (wire)2 KV @ 60 sElectrica capacity mintand voltag			
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Stranding2 wires with 2 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementred, greenCable weigth70.4 g/mMaterial jacketPURShore hardness jacket87 $\pm$ 3 Shore AFreedom from ingredients (jacket)lead-free, cadnium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,7 mmTolerance outer diameter (sheath) $\pm$ 5 %Amount wires2Outer diameter insulation2,55 mmOuter diameter insulation60 $\pm$ 3 Shore DIngredient feeness wire insulation60 $\pm$ 3 Shore DIngredient feeness wire insulation19Diameter of single wires24 AWGConductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire72.2 Q/km @ 20 °CAC withstand voltage (wire - vire)2 KV @ 60 sElectrica resistance line constant wire72.2 Q/km @ 20 °CAC withstand voltage (wire - vire)2 KV @ 60 sElectrica resistance line constant wire72.2 Q/km @ 20 °CAC withstand voltage (wire - vire)2 KV @ 60 sElectrica resistance line constant wire72.2 Q/km @ 20 °CAC withstand voltage (wire - vire)2 KV @ 60 sElectrica resistance line constant wire			
Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         red, green           Cable weigth         70.4 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 3 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 %           Amount wires         2           Outer diameter insulation         2.55 mm           Outer diameter lolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Nominal voltage AC max.         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load		·	
Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       red, green         Cable weigth       70.4 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 3 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 %         Amount wires       2         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       16 ± 3 Shore D         Ingredient freeness wire insulation       16 ± 3 Shore D         Ingredient freeness wire insulation       16 ± 3 Shore D         Ingredient freeness wire insulation       19         Diameter of single wires       24 AWG         Conductor crosssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4	0		
Banding       Fleece, Foil         Filler       yes         wire arrangement       red, green         Cable weigth       70,4 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 3 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 %         Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter tolerance core insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor crossection (wire)       24 AWG         Conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity min. wire       4,5 A         Electric apacitance       25 000 pF/km         Power frequency withstand voltage (wire -       24 000 pF/km <td></td> <td></td>			
Filler       yes         wire arrangement       red, green         Cable weigth       70,4 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 3 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 %         Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor crosssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 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 min. wire			
wire arrangement       red, green         Cable weigth       70,4 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 3 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 %         Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor corssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity min. wire       4,5 A         Electric al resistance line constant wire       72,2 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electric capacitance       29000 pF/km         Power frequency withstand vol			
Cable weight70,4 g/mMaterial jacketPURShore hardness jacket87 ± 3 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)7,7 mmTolerance outer diameter (sheath)± 5 %Amount wires2Outer diameter tolerance core insulation2,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectric capacitance29000 pF/kmPower frequency withstand voltage (wire -2 kV @ 60 s			
Material jacket     PUR       Shore hardness jacket     87 ± 3 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 %       Amount wires     2       Outer diameter insulation     2,55 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Shore hardness wire insulation     60 ± 3 Shore D       Ingredient freeness wire insulation     lead-free, cAdmium-free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crosssection (wire)     24 AWG       Material conductor wire     Stranded copper wire, bare       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Nominal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (wire - wire)     2 kV @ 60 s       Electrical resistance line constant wire     72,2 Ω/km @ 20 °C       AC withstand voltage (wire - wire)     2 kV @ 60 s       Electrical resistance line constant wire     72,8 Ø/km       Power frequency withstand voltage (wire - 2     2 kV			
Shore hardness jacket       87 ± 3 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 %         Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor crosssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       72,2 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electric capacitance       29000 pF/km <t< td=""><td></td><td></td></t<>			
Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free         Outer-diameter (jacket)       7,7 mm         Tolerance outer diameter (sheath)       ± 5 %         Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor crosssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       72,2 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electric capacitance       29000 pF/km         Power frequency withstand voltage (wire -       2 kV @ 60 s			
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Tolerance outer diameter (sheath)± 5 %Amount wires2Outer diameter insulation2,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation60 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor crosssection (wire)24 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °C   horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire72,2 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sElectric capacitance29000 pF/kmPower frequency withstand voltage (wire - 2 kV @ 60 s			
Amount wires       2         Outer diameter insulation       2,55 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       60 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free         Amount strands (wire)       19         Diameter of single wires       24 AWG         Conductor crosssection (wire)       24 AWG         Material conductor wire       Stranded copper wire, bare         Traversing distance (C-track)       5 m @ 25 °C   horizontal         Nominal voltage AC max.       300 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,5 A         Electrical resistance line constant wire       72,2 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electric capacitance       29000 pF/km         Power frequency withstand voltage (wire -       2 kV @ 60 s		·	
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Power frequency withstand voltage (wire - 2 kV @ 60 s			
		29000 pH/km	
	jacket)		
AC withstand voltage (wire - shield) 2 kV @ 60 s			
Min. operating temperature (static) -40 °C			
Max. operating temperature (fixed) 80 °C			
Operating temperature min. (dynamic) -20 °C			
Operating temperature max. (dynamic) 70 °C			
Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090	Flame resistance		
chemical resistance Good, application-related testing			
Gasoline resistance Good, application-related testing			
Oil resistance Good, application-related testing   DIN EN 60811-404	Oil resistance	Good, application-related testing   DIN EN 60811-404	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Bending radius (fixed)

7,5 x Outer diameter 12 x Outer diameter

Bending radius (dynamic) Travel speed (C-track)

5 Mio. @ 25 °C

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