

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

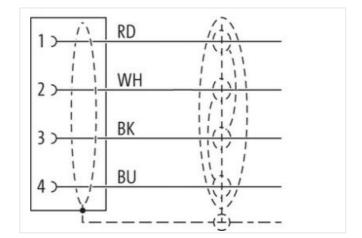
PUR AWG24+22 shielded vt UL/CSA+drag ch. 11m

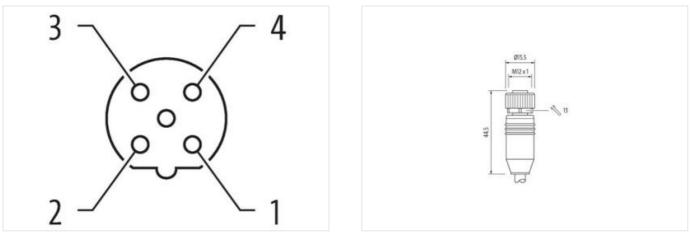
Female straight M12, 4-pole B-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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

11 m

0,6 Nm



Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
No. of poles	4
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	4048879790451
Packaging unit	1
Electrical data   Supply	
	60 V
Operating voltage AC max. Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
	**
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
·	-25 °C
Operating temperature min. Operating temperature max.	-25 °C 85 °C
Additional condition temperature range	depending on cable quality
	depending on cable quality
Important installation notes	Protect the connectors by quitable measures from mechanical loads as a builty was as of ashield in
Note on strain relief	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
Note on bending radius	endangered by excessive bending forces.

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## Conformity

Institution ( Cable     Event Stand, Color     Stand, Color       Cable isoland, Color, Stand, Sta	Product standard	DIN EN 61076-2-101 (M12)
Cable identification803Jacke ColorvioletType of Carificatocl/RusAnnout Stranding1Stranding Intype 2)1Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)3Cable shelding Intype 2)3Stranding Intype 2)6Stranding Intype 2)6Cable shelding Intype 2)6Cable shelding Intype 2)6Stranding Intype 2)7Stranding Intype 2)7Stranding Intype 2)6Cable weight6Stranding Intype 2)8Stranding Intype 2)8Stranding Intype 2)8Cable weight63,12 g/mMaterial Jocket92 5 Shore AFreedom from Ingradients Intyle Intak. Integr. CPC+tee, hatogen-free, silicone-freeOuter Giameter Insulation2 Shore AFreedom from Ingradients Insulation2 Store ACable diameter Insulation2 1 mmCable diameter Insulation1 5 %Stranding Veri Insulation4 5 Shore DCable diameter Insulation1 5 %Stranding Veri Ins	Installation   Cable	
Jackat Calar     violet       Type af Certificate     cJRbs       Amarat starding     1       Stranding     2 wies twieled       Amarat starding fype 2)     1       Stranding fype 2)     2 Stranded joints twieled       Cable abiding (type)     copper braid, lined       Cable abiding (type)     copp		803
Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 8)     2 Stranding (thick 1)       Cable shielding (type)     coppor braid, timed       Cable shielding (type)     coppor braid, timed       Cable shielding (type)     coppor braid, timed       Cable shielding (type)     22 AWG       Wire arrangement     (Wile, blue), blue, klock, red)       Cable weigh     63.12 g/m       Material plach     PUF       Shore hardmass jacket     90.4 5 Shore A       Freedom from ingredients (jacket)     63 g/m       Cable weigh     63.12 g/m       Material plack     63 g/m       Cable diarding (releast)     53 s/       Shore hardmass jacket     90.4 5 Shore A       Toterance outure diarder (health)     1 5 %       Amount wires     2       Outer diarder wire insulation     64 f 5 Shore D       Toreance wire insulation     64 f 5 Shore D       Toreance wire insulation     64 f 5 Shore D       Toreance wire insulation     64		
Anount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     2 Strandod joints lwisted       Cable striketing (type)     0 corper transit, funned       Cable striketing (type)     65 %       Banding     Foil       Drain wrie (cross-section)     22 AVG       We arrangement     (White, Blue), (back, red)       Cable wrigh     63.12 µm       Matorial jackst     PUP       Shore harchess jacket     90.2 \$ Shore A       Freedom from ingred-ents (jacket)     6.3 mm       Tolerance surf calmeter (instant)     5.5 %       Material wire instantion     PE       Anount strands (wire instantion     PE       Anount strands (wire)     1.5 %       Material wire instantion     6.4 5 Shore D       Dare drameter instantion     6.4 5 Shore D       Ingredient free-researcien)     2.4 AVG       Conscience researcien)     2.4 AVG       Conscience researcien)     2.4 AVG       Conductor researcien)     2.4 AVG       Conductor researcien)     2.4 AVG		
Stranding 2 wires hvisted   Amount stranding (type 2) 2 Stranding (type 2)   Cabb a bieloling (type) coppor braid, linned   Cabb a bieloling (type) coppor braid, linned   Cabb a bieloling (type) 22 AWG   Banding Foil   Drain wire (cross-section) 22 AWG   Wire a rangement (white, blue), (black, red)   Cabb a bieloling (toxerage) 63 %   Shore hardness (acket) PUP   Shore hardness (acket) 00 * 5 Shore A   Freedom from ingredient (acket) 64 %   Outer-diameter (acket) 63 %   Matorial jacket 90 * 5 Shore A   Freedom from ingredient (acket) 64 %   Outer-diameter (acket) 64 %   Amount wires 2   Cuter diameter insulation 9.1 mm   Outer diameter insulation 9.1 mm   Outer diameter insulation 64 ± 5 Shore D   Ingredient freeness wire insulation 64 ± 5 Shore D   Ingredient freeness wire insulation 1 84 free, CFC-free, halogen-free   Amount wires 2   Amount strands (wire) 19   Diameter or a ingite wires 24 AWG   Conductor crossocolin wire (bala) 1.5 mm   Torediarese rive insulation (Data) 1.5 mm	<i></i>	
Amount stranding (type 2)     1       Stranding (type 2)     2       Stranding (type 2)     2       Stranding (type 2)     0       Cable shelding (towarage)     65 %       Banding     Foil       Darin wire (cross-section)     22       Darin wire (cross-section)     22       Cable shelding (towarage)     63 %       Sams (cross-section)     22       Cable weigh     63.12 g/m       Material jacket     PUF       Shore handness jacket     90 ± 5 Shore A       Freedom from ingredents (jacket)     6.3 mm       Outer diameter (jackat)     6.3 mm       Outer diameter (jackat)     5.9 mm       Outer diameter insulation     PE       Amount wires     2       Outer diameter insulation     1.5 %       Shore handness wire insulation     1.6 %       Shore handness wire insulation     1.9 %       Shore handness wire insulation     1.4 %       Darater of single wires     2       Contro diameter wire insulation     1.4 %       Shore handnes wire insulation     2.4 % AWG <td></td> <td>-</td>		-
Stranding (type 2) 2 Stranded joints heided   Cable shelding (type) copper braid, tinned   Cable shelding (type) 65 %   Banding Fol   Drain wire (tross section) 22 AVG   witre arrangement (white, blue), (black, red)   Cable shelding (type 2) 55 %   Branding (type 2) 55 %   Shore hardness jucket 90 ± 5 Shore A   Freedom from ingredients (jacket) 65 m   Outer - diameter (jacket) 65 m   Tolerance outer diameter (lacket) 65 m   Tolerance outer diameter (lacket) 5 %   Material via installation PE   Amount writes 2   Outer diameter insulation FE   Amount writes 2   Outer diameter insulation FE   Amount writes 2   Outer diameter insulation FE   Amount stranding (wire) 19   Diameter on single wires 24 AWG   Conductor crossection (wire) 24 AWG   Conductor wire insulation (Data) FE   Diam wire (tross section (wire) 24 AWG   Conductor wire insulation (Data) FE   Diam wire (tross section (wire) 24 AWG   Conductor wire insulation (Data) FE		
Cable shelding (type)     copper braid, tinned       Cable shelding (coverage)     65 %.       Banding     Foll       Drain wire (cross-section)     22 AWG       wire arrangement     (white, bule) (black, red)       Cable weigh     63,12 g/m       Material jacket     PUR       Shoro hardness jacket     PUR       Shoro hardness jacket     PUR       Cable weigh     63,12 g/m       Material jacket     PUR       Shoro hardness jacket     PUR       Cable and annet (facket)     15 3%       Catler diameter (jacket)     6,9 mm       Colerance outer diameter (jacket)     6,9 mm       Colerance outer diameter insulation     2       Armount wires     2       Cutter diameter insulation     4.1 5 Noro D       Ingredient freeness wire insulation     4.4 5 Shoro D       Ingredient freeness wire insulation     4.4 WG       Conductor consection (wire)     24 AWG       Conductor consection (wire)     24 AWG       Conductor consection (wire)     24 AWG       Conductor consesection (wire)     24 AWG		
Cabb shielding (coverage)     65 %       Banding     Fol       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       Cable weight     63,12 gm       Material jacket     PUR       Shore hardness jackot     90.5 S Nore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     6.9 mm       Tolerance outer diameter (jacket)     5.5 %       Amount wires     2       Outer diameter (jacket)     1.5 %       Shore hardness wire insulation     2.1 mm       Outer diameter insulation     64 ± 5 Shore D       Ingredient treeness wire insulation     lead-free, CFC-free, halogen-free       Mount strands (wire)     19       Diameter of single wires     24 AWG       Canductor crossection (wire)     24 AWG       Canductor wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.9 mm <t< td=""><td></td><td></td></t<>		
Banding     Foll       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       Cable weight     63.12 g/m       Material jacket     PUR       Stron hardness jacket     90.5 5 Shore A       Freedom from ingrodients (jacket)     lead-free, cadmum-free, CPC-free, halogen free, silicone-free       Outer-diameter (jacket)     4.5 %       Material wire insulation     PE       Amount wires     2       Outer diameter insulation     2.1 mm       Outer diameter wire insulation     6.4 5 Shore D       Shore hardness wire insulation     6.4 5 Shore D       Ingredient freeness wire insulation     6.4 5 Shore D       Diameter of single wires     2.4 AWG       Contuct crossection (wire)     19       Diameter of single wires     2.4 AWG       Conductor crossection (wire)     2.2 AWG       Conductor crossection (wire)     Data       Material wire insulation		
Drain wire (cross-section)     22 AWG       wire arrangement     (white, Due), (black, red)       Cable weight     63,12 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer-dameter (jacket)     6.9 mm       Tolerance outer diameter (jacket)     6.9 mm       Tolerance outer diameter (jacket)     6.3 free       Amount wires     2       Outer diameter insulation     2,1 mm       Outer diameter insulation     6.4 5 Shore D       Ingredient freeness wire insulation     64 ± 5 Shore D       Ingredient freeness wire insulation     16 %.       Amount strands (wire)     19       Diameter or insulation     124 AWG       Conductor orxssection (wire)     24 AWG       Order diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.5 mm </td <td></td> <td></td>		
wire arrangement     (white, blue), (black, red)       Cabbe weight     63,12 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     0,9 nm       Tolerance outer diameter (sheath)     ± 5 %       Material jacket     PE       Amount wires     2       Outer diameter (sheath)     ± 5 %       Material wire insulation     2,1 mm       Outer diameter (sheath)     ± 5 Shore D       Ingredient freeness wire insulation     lead free, CFC-free, halogen-free       Ingredient freeness wire insulation     lead free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crossection (wire)     Copper stranded wire, finned       Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 rm       Tolerarce outer diameter wire insulation (data)     1.5 s%       Ingredient freeness wire insulation (data)     2.4 A	0	
Cable weight     63.12 g/m       Material jacket     PUR       Shore hardness jacket     90.15 Shore A       Freedom from ingredients (jacket)     lead-tree, cadmium-free, CFC-free, halogen-free       Outer-diameter (jacket)     6.9 mm       Tolerance outer diameter (sheath)     ± 5 %       Matorial wire insulation     PE       Amount wires     2       Outer diameter insulation     2.1 mm       Outer diameter insulation     ± 5 %       Shore hardness wire insulation     6.4 ± 5 Shore D       Ingredient freeness wire insulation     6.4 ± 5 Shore D       Ingredient freeness wire insulation     19       Dameter of single wires     24 AWG       Conductor crossection (wire)     24 AWG       Drain wire (coss-section)     22 AWG       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     15 mm       Tolerance outer diameter wire insulation (Data)     18 from       Ingredient freeness wire insulation (Data)     23 %       Ingredient freeness wire insulation (Data)     23 %       Ingredient freeness wire insulation (Data)     24 AWG <t< td=""><td></td><td></td></t<>		
Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom tron ingredients (jacket)     6,9 mm       Outer-diameter (jacket)     6,9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PE       Amount wires     2       Outer diameter (sheath)     £ 5 %       Shore hardness wire insulation     £ 5 %       Shore hardness wire insulation     £ 5 %       Shore hardness wire insulation     64 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crosssection (wire)     24 AWG       Conductor rosssection (wire)     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     25 %       Tolerance outer diameter wire insulation (Data)     53 %       Toradit wire insulation (Data)     15 %       Material conductor wire (bata)     25 %       Toradit wire insulation (Data)     15 %       Ingredient freeness wire insulation (Data)     <		
Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     6.9 mm       Tolerance outer diameter (sheath)     1.5 %.       Material wire insulation     PE       Amount wires     2       Outer diameter insulation     6.1 mm       Outer diameter insulation     6.1 mm       Outer diameter insulation     6.1 ± 5 %.       Shore hardness wire insulation     6.4 ± 5 Shore D       Ingredient free, esser singulation     1.6 %.       Diameter of single wires     2.4 AWG       Conductor crossection (wire)     2.4 AWG       Drain wire (cross-section)     2.2 AWG       Material conductor wire     coopper stranded wire, tinned       Electrical function wire     Data       Material conductor wire insulation (Data)     1.5 mm       Tolerance sure insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.6 CFC-free, halogen-free       Amount wires (Data)     2.2       Conductor wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data) <td></td> <td>-</td>		-
Freedom from ingredients (jacket)   lead free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   6,9 mm     Material wire insulation   PE     Amount Wires   2     Outer diameter insulation   6,8 mm     Outer diameter insulation   2.1 mm     Outer diameter insulation   64 ± 5 %     Shore hardness wire insulation   64 ± 5 Nore D     Ingredient freeness. wire insulation   lead-free, CFC-free, halogen-free     Amount strands (wire)   19     Diameter of single wires   24 AWG     Conductor crosssection (wire)   24 AWG     Outer diameter wire insulation   lead-free, CFC-free, halogen-free     Material conductor wire   opper stranded wire, tinned     Electrical function wire   Data     Outer diameter wire insulation (Data)   1.5 mm     Tolerance outer diameter wire insulation (Data)   1.5 mm     Tolerance wire insulation (Data)   1.9     Diameter of single wires (Data)   2.2 AWG     Conductor crosssection wire (Data)   2.2 AWG     Conductor wire (Data)   2.2 AWG     Conductor wire (Data)   2.2 AWG     Conductor wire (Data)		
Outer diameter (jacket)     6,9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PE       Amount wires     2       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Shore hardness wire insulation     ± 5 %       Mount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crosssection (wire)     24 AWG       Drain wire (cross-section)     22 AWG       Material verinesultation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.6 mm       Ingredient freeness wire insulation (Data)     1.2 AWG       Outer diameter wire insulation (Data)     1.2 AWG       Conservector diameter wire insulation (Data)     2.2 AWG       Conducto		
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PE     Armount wires   2     Outer diameter insulation   2,1 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   64 ± 5 Shore D     Ingredient freeness wire insulation   fead-free, CFC-free, halogen-free     Amount strands (wire)   19     Diameter of single wires   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor wire (coss-section)   22 AWG     Material conductor wire   copper stranded wire, tinned     Electrical function wire   Data     Material wire insulation (Data)   1,5 mm     Tolerance outer diameter wire insulation (Data)   1,5 mm     Tolerance outer diameter wire insulation (Data)   1,5 mm     Tolerance outer diameter wire insulation (Data)   1,9     Diameter of single wires (Data)   2     Amount strands wire (Data)   2     Conductor crosssection wire (Data)   2     Conductor crosssection wire (Data)   22 AWG     Conductor crosssection wire (Data)   22 AWG		
Material wire insulation     PE       Amount wires     2       Outor diameter insulation     2,1 mm       Outer diameter insulation     4.5 %       Shore hardness wire insulation     64 ± 5 Shore D       Ingredient freenees wire insulation     lead free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crossection (wire)     24 AWG       Conductor crossection (wire)     24 AWG       Conductor crossection (wire)     24 AWG       Data intra (cross-section)     22 AWG       Material conductor wire     copper stranded wire, tinned       Electrical function wire     Data       Material orductor wire     copper stranded wire, tinned       Electrical function wire     Data       Material orductor wire     copper stranded wire, tinned       Electrical function wire (Data)     1.5 mm       Tolerance outer diameter wire insulation (data)     153 %       Ingredient freenees wire insulation (Data)     19       Diameter of single wires (Data)     22 AWG       Conductor wire (Data)     copper stranded wire, tinned		
Amount wires2Outer diameter insulation2.1 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $e4 \pm 5$ Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor cossection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wirecopper stranded wire, tinnedElectrical function wireDataOuter diameter wire insulation (Data)PEOuter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (data) $\pm 53 \%$ Ingredient freeness wire insulation (Data)1.6 mmTolerance outer diameter wire insulation (data) $\pm 53 \%$ Ingredient freeness wire (Data)2Amount strands wire (Data)2Diameter of single wires (Data)2Diameter of single wires (Data)2Amount strands wire (Data)2Diameter of single wires (Data)2Diameter of single wires (Data)2Diameter of single wires (Data)22 AWGConductor wire (Data)20 MGCon		
Outer diameter insulation     2,1 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     64 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor rorssection (wire)     24 AWG       Drain wire (cross-section)     22 AWG       Material conductor wire     copper stranded wire, tinned       Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     15 %       Ingredient freeness wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     15 %       Ingredient freeness wire insulation (Data)     2       Amount wires (Data)     2       Material conductor wire (Data)     2       Marout wires (Data)     22 AWG       Conduct or osssection wire (Data)     5 m       Nominal voltage AC max.     300 V<		
Outer diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation64 $\pm$ 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wirecopper stranded wire, tinnedElectrical function wireDataMaterial wire insulation (Data)PEOuter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 S %Ingredient freeness wire (Data)1.5 QAmount wires (Data)2Diameter of single wires (Data)1.9Diameter of single wires (Data)2.2 AWGConductor wire (Data)copper stranded wire, tinnedElectrical function wire (data)PowerTraversing distance (C-track)5 mNominal voltage AC max.300 VCurrent load capacity min. wire4.5 ACurrent load capacity min. wire4.5 ACurrent load capacity min. wireDataElectrical function wire (data)PowerCharacteri		2.1 mm
Shore hardness wire insulation   64 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, CFC-free, halogen-free     Amount strands (wire)   19     Diameter of single wires   24 AWG     Conductor crosssection (wire)   24 AWG     Material conductor wire   copper stranded wire, tinned     Electrical function wire   Data     Material conductor wire   copper stranded wire, tinned     Electrical function wire   Data     Material conductor wire   copper stranded wire, tinned     Electrical function wire   Data     Material conductor wire   Data     Tolerance outer diameter wire insulation (Data)   1,5 mm     Tolerance outer diameter wire insulation (Data)   15 mm     Tolerance outer diameter wire insulation (Data)   19     Diameter of single wires (Data)   22 AWG     Material conductor wire (Data)   20 Power     Traversing distance (C-track)   5 m     Nominal voltage AC max.   3000 V     Current toad capacity (standar		·
Ingredient freeness wire insulation     lead-free, CFC-free, halogen-free       Amount strands (wire)     19       Diameter of single wires     24 AWG       Conductor crosssection (wire)     24 AWG       Drain wire (cross-section)     22 AWG       Material conductor wire     copper stranded wire, tinned       Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (data)     ± 53 %       Ingredient freeness wire insulation (data)     2       Amount strands (wire) (Data)     2       Amount wires (Data)     2       Amount wires (Data)     2       Amount strands wire (Data)     19       Diameter of single wires (Data)     22 AWG       Material conductor wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Nominal voltage AC max.     300 V       Current toad capacity (standard)     to DIN VDE 0298-4       Current toad capacity min. wire     4,5 A		
Amount strands (wire)19Diameter of single wires24 AWGConductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wirecopper stranded wire, tinnedElectrical function wireDataMaterial wire insulation (Data)PEOuter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)2Ingredient freeness wire insulation (Data)19Diameter of single wires (Data)2Amount strands wire (Data)2Amount wires (Data)2Amount wires (Data)22 AWGConductor wire (Data)20 powerTraversing distance (C-track)5 mNominal voltage AC max.300 VCurrent load capacity min. wire4,5 ACurrent load capacity min. Wire (Data)6 AElectrical function wire (Data)6 AElectrical function wire (Data)6 AElectrical function wireDataElectrical function wireDataElectrical function wireCanceCurrent load capacity min. Wire (Data)6 AElectrical function wire (data)PowerCurrent load capacity min. Wire (Data)6 AElectrical function wire (data)PowerCurrent load capacity min. Wire (		
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Conductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wirecopper stranded wire, tinnedElectrical function wireDataMaterial wire insulation (Data)PEOuter diameter wire insulation (Data)1,5 mmTolerance outer diameter wire insulation (Data)lead-free, CFC-free, halogen-freeAmount wires (Data)2Amount wires (Data)2Amount strands wire (Data)22 AWGConductor orssection wire (Data)22 AWGConductor wire (Data)20 PowerTraversing distance (C-track)5 mNominal 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 ACurrent load capacity min. wire4,5 ACurrent load capacity min. Wire (Data)6 AElectrical function wireDataElectrical function wireDataElectrical function wireDataElectrical function wireTa % @ 1 MHzElectrical function wire78 Ω/km		-
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Electrical resistance line constant wire 78 Ω/km		
Electrical resistance coating wire (Data) 54 Ω/km		
	Electrical resistance coating wire (Data)	54 Ω/km

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AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
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)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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