

M12 female 0° A-cod. with cable

PUR AWG24+22 shielded bu UL/CSA+drag ch. 25m

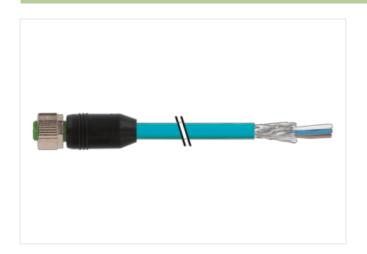
DeviceNet, CANopen Female straight M12, 5-pole A-coded

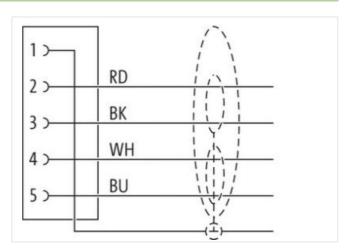
Plastic housings with good resistance against chemicals and oils.

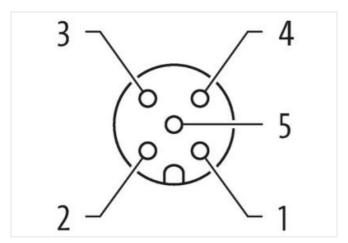
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image













Cable length

25 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: 2024-04-26



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879454889
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
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	
Stripping length (jacket)	20 mm
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
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
•	



stay connected

Product standard	DIN EN 61076-2-101 (M12)
Product standard	DIIN EIN 010/0-2-101 (IVI12)

Installation (Cable) Based Color Buse Type of Certification QUIBUR Amount Stranding 1 Shanding 2 wirest twisted Amount Stranding (type 2) 1 Shanding (type 2) 2 Shanding (type 2) Cabile shielding (type) copper braid, firmed Cabile shielding (type) 22 AWG Cabile weight 63.12 pm Markersi jackel PLP Shore hardness jackel 90.1 \$ Shore A Froodom from impredents (jackel) 80.1 \$ Shore A Froodom from impredents (jackel) 80.1 \$ Shore A Tolerance cupier (jackel) 6.9 mm Tolerance cupier (jackel) 1.5 % Markeral vive inculation PE Amount arrands (wive) 2.1 mm Outer diameter insulation 2.1 mm Impredient tremenses were insulation (fata) 2.5 %	Product standard	DIN EN 61076-2-101 (M12)
Special Color	Installation Cable	
Type of Certificate cURus Armount standing 1 Stranding 2 wires twisted Armount standing (type) 1 Stranding (type) 2 Cable shelding (coverage) 65 % Branding Foll Drain wire (cross section) 22 AWG wire a rangement (white, bubb, black, led) No. of barding cycles (Crack) 1 Mo. Cable weight 63.12 g/m Material jacket PUR Shore hardiness (picker) 99 ± 5 Shore A Freedom from ingeridiants (jacker) 1 Mo. Oller-diameter (special strandisce) 69.7 mm Oller-diameter (special strandisce) 69.7 mm Oller-diameter (special strandisce) 5.9 mm Tolerance custer insulation 2.5 mm Outer diameter (shearth) ± 5 % Material wire requisition 2.5 mm Outer diameter insulation 64 ± 5 Shore D Ingredient foreness wire insulation 64 ± 5 Shore D Ingredient foreness wire insulation (particular) 24 AWG Conductor cossection vivin	Cable identification	834
Type of Certificate cURus Armount standing 1 Stranding 2 wires twisted Armount standing (type) 1 Stranding (type) 2 Cable shelding (coverage) 65 % Branding Foll Drain wire (cross section) 22 AWG wire a rangement (white, bubb, black, led) No. of barding cycles (Crack) 1 Mo. Cable weight 63.12 g/m Material jacket PUR Shore hardiness (picker) 99 ± 5 Shore A Freedom from ingeridiants (jacker) 1 Mo. Oller-diameter (special strandisce) 69.7 mm Oller-diameter (special strandisce) 69.7 mm Oller-diameter (special strandisce) 5.9 mm Tolerance custer insulation 2.5 mm Outer diameter (shearth) ± 5 % Material wire requisition 2.5 mm Outer diameter insulation 64 ± 5 Shore D Ingredient foreness wire insulation 64 ± 5 Shore D Ingredient foreness wire insulation (particular) 24 AWG Conductor cossection vivin		
Amount stranding 1 Stranding 2 wine twisted Amount stranding (type 2) 2 Stranded joints twisted Cable shielding (type) 0 copport trail, direct Cable shielding (type) 65 % Darin were (cross-section) 22 AWG Darin were (cross-section) 22 AWG No. of barding cycles (C-track) 1 Min. Cable owight 63 12 g/m Material picket PUR Shore hardress jacket 90 ± 5 Shore A Freedom from ingredients (acket) 90 ± 5 Shore A Telerance cuter diameter (seleath) 4 5 Shore A Telerance cuter diameter (seleath) 5 % Material wire insulation 2 mm Outer diameter (seleath) 4 5 Shore D Outer diameter (seleath) 5 % Shore hardress were insulation 15 % Shore hardress were insulation 64 ± 5 Shore D Ingredient freeness were insulation 64 ± 5 Shore D Ingredient freeness were insulation 24 AWG Diameter of single wires 24 AWG Diameter of single wires 24 AWG <td></td> <td></td>		
Stranding (type 2) 2 wires briefled Amount stranding (type) 2 Stranding (type) 2 Stranding (type) Cable shelinding (type) 0 Spoper briefl, fininged Cable shelinding (type) 65 % Banding Foil Drain wire (cross-section) 22 AWG wire aurangement (white, blue), (black, red) No. of bending sycles (C-track) 1 Mic. Cable weight 63 (2 ym Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Frocom from ingredients (jackut) 1 four c, cadmium from, CFC froe, halogen free, silicone free Outer diameter (jacket) 5 % Material wire insulation PE Amount wires 2 Outer diameter (sheat) 5 % Outer diameter (sheat) 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation (atta) 64 ± 5 Shore D Ingredient freeness wire insulation (atta) 64 ± 5 Shore D Ingredient freeness wire insulation (atta) <		
Account stranding (type 2) 1		
Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Sable shielding (coverage) 65 % Banding Foil Cable shielding (coverage) 65 % Banding Foil Oran wive (cross-section) 22 AWG wire arrangement (white, blue), (black, red) No. of bending cycles (C-track) 1 Mio. Cable weight 63.12 g/m Material jacketel PUR Shore hardness size 90.15 Shore A Freedom from ingredients (jacket) 6.9 mm Outer-diameter (jacket) 6.9 mm Tolerance outer diameter (spacket) 6.9 mm Material wire insulation PE Amount wires 2 Couter diameter insulation 2.1 mm Outer diameter insulation 6.4 ± 5 Shore D Ingredient freeness wire insulation 6.4 ± 5 Shore D Ingredient freeness wire insulation 6.4 ± 5 Shore D Ingredient freeness wire insulation (park) 2.4 AWG Drain wire (cross-section) 2.2 AWG Oute		
Cable shielding (rype) copper braid, finned Cable shielding (coverage) 65 % Bandring Fol Drain wire (cross-section) 22 AWG Wire a rangement (white, Due), (black, red) No. of bending cycles (C-track) 1 Mio. Cable weight 65.12 g/m Malorial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (acket) 16 af reo, codmium free, CFC free, habgen free, silicone free Outer diameter (jacket) 5, m Tolerance outer diameter (jacket) 5 % Material wire insulation PE Amount wires 2 Outer diameter (locket) 1,5 % Shore barchess wire insulation 2,1 mm Outer diameter (locket) 4,5 % Shore barchess wire insulation 1,5 % Shore barchess wire insulation 1,5 % Shore barchess wire insulation 1,5 mm One of single wire 24 AWG Conductor crosssection (wire) 24 AWG Conductor or sissection (wire) 24 AWG D		
Cabbs eriedding (coverage) 65 % Banding Foil Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red) No. of bending cycles (C-track) 1 Mix. Cabia weigh 63.12 g/m Material jacket PUR Shore hardness jacket 90 5 Shore A Freedom from ingredients (jacket) least-free, cadmium-free, CFC-free, halogen-free, sillicone-free Outer diamoter (jacket) 6,9 mm Tolerance outer diameter (sheath) 1.5 % Material wire insulation PE Amount wires 2 Outer diameter tolerance core insulation 2.1 mm Outer diameter tolerance core insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation (view) 24 AWG Conductor crossection (view) 2		·
Banding Foil Drain wire (cross-section) 22 AWG		
Drain wire (cross-section) 22 AWG		
wire arrangement (white, blue), (black, red) No. of bendring cycles (C-track) 1 Mio. Cable weigh 63.12 g/m Material jacket PUR Shore hardness jacket PUR Shore Andress jacket 90 ± 5 Shore A Freedom from 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 insulation 2.1 mm Outer diameter insulation 4.1 mm Outer diameter tolerance core insulation 4.2 5 Shore D Ingredient reasons wire insulation 4.3 5 Shore D Ingredient reasons wire insulation 4.4 2 Shore D Ingredient reasons wire insulation 4.4 4 MG Onductor crossesction (wire) 2.4 AWG Diameter of single wires 2.4 AWG Drain wire (cross-section) 2.2 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) 1.5 mm		
No. of bending cycles (C-track) 1 Min. 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, silicone-free Outer-diameter (gaket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation £ 1 mm Outer diameter insulation ± 5 % Shore hardness wire insulation £ 5 % Shore hardness wire insulation £ 4 ± 5 Shore D Ingredient freeness wire insulation £ 4 ± 5 Shore D Ingredient freeness wire insulation £ 4 ± 5 Shore D Ingredient freeness wire insulation (wire) £ 4 AWG Conductor crosssection (wire) £ 4 AWG Drain wire (cross-section) £ 2 AWG Material wire insulation (Data) £ 5 mm Material wire insulation (Data) £ 5 mm Tolerance outer diameter wire insulation (Data) £ 5 mm Touter diameter wire insulation (Data) £ 6 mm		
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, silicone-free Outer-diameter (jacket) £ 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter brolerance core insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 19 Diameter of single wires 24 AWG Oranductor cross-section (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 (Mata) ± 5 % Ingredient freeness wire insulation (Mata) ± 5 mm Outer diameter wire insulation (Data) ± 2 AWG Ingredient freeness wire insulation (Mata) ±		
Material jacket PUR Shore hardness jacket 90 ± S Shore A Freedom from ingredientis (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter (insulation) 2,1 mm Outer diameter (insulation) 64 ± 5 Shore D Ingredient freeness 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 crossacction (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material vire 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) 19 Diameter of single wires (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) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation 45 % 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 Onductor crosssection (wire) 22 AWG Material wire insulation (Data) PE Ucter diameter wire insulation (Data) PE Material wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1ead-free, CFC-free, halogen-free Amount strands wire (Data) 2 Diameter of single wires (Data) 2 Conductor crossesction wire (Data) 22 AWG Conductor wire		
Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter 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 Drain wire (cross-section) 22 AWG Material function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 2,5 % Ingredient freeness wire insulation (Data) 2,5 mm Tolerance outer diameter wire insulation (Data)	-	
Tolerance outer diameter (sheath)		<u>-</u>
Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation ± 5 % Shore bardness 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 Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, finned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) PE User diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 18 Amount strands wire (Data) 2 2 Amount strands wire (Data) 22 3 19 3 19 3 19 3 19 3 19		•
Amount wires 2 Outer diameter insulation 2.1 mm Outer diameter 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 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) 19 Diameter of single wires (Data) 2 Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 2 Amount crosssection wire (Data) 2 Amount crosssection wire (Data) 19 Diameter of single wires (Data) 22 AWG Material conductor wire (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Conductor crosssection wire (Data) 25 AWG Conductor crosssection wire (Data) 20 Material conductor wire (Data) 20 Material function wire (Data) 20 Material conductor wire (Data) 20 Mat	. ,	
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 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) 1,5 mm Tolerance outer diameter wire insulation (Data) ± 53 % Ingredient freeness wire insulation (Data) 1ead-free, CFC-free, halogen-free Amount vires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Ele		
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 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) P.E Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount vires (Data) 2 Diameter of single wires (Data) 2 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material wire (wire) 04 Current load capacity mir. wire (Data) 00 power Current load capacity min. wire (Data) 4.5 A<		
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 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) ± 63 % Ingredient freeness wire (Data) 2 Amount wires (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Traversing distance (C-track) 5 m Current load capacity (Standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire (Data) 6 A Electrical function wire (data) Power<		
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) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) 29 AWG Conductor crosssection wire (Data) 29 AWG Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire Data Electrical function wire (Data) Power Characteristic impedance 120 Ω±10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Nominal voltage power AC max. 300 V		
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) 1,5 mm Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω±10 % 0 1 MHz Electrical resistance coating wire		
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) 1,5 mm Tolerance outer diameter wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire A,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedan		
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) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity rim. wire 4,5 A Current load capacity min. wire 4,5 A Current load capacity min. wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 12 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire (Data) 54 Ω/km Electrical resistance coating wire (Data) 54 Ω/km <	· · ·	
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) 153 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
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) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
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) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) $\pm 53\%$ Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V		
Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (data) \pm 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm$ 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V		
Tolerance outer diameter wire insulation (data) $\pm 53\%$ Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V		
Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		lead-free, CFC-free, halogen-free
Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega/\text{km}$ Electrical resistance coating wire (Data) $54 \Omega/\text{km}$ Nominal voltage power AC max. 300 V	Amount wires (Data)	2
Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Amount strands wire (Data)	19
Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\% @ 1$ MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V	Diameter of single wires (Data)	22 AWG
Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Conductor crosssection wire (Data)	22 AWG
Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Material conductor wire (Data)	copper stranded wire, tinned
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Electrical function wire (data)	Power
Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10 \%$ @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V	Traversing distance (C-track)	5 m
Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega / \text{km}$ Electrical resistance coating wire (Data) $54 \Omega / \text{km}$ Nominal voltage power AC max. 300 V	Current load capacity (standard)	to DIN VDE 0298-4
Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega / \text{km}$ Electrical resistance coating wire (Data) $54 \Omega / \text{km}$ Nominal voltage power AC max. 300 V	Current load capacity min. wire	4,5 A
Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Current load capacity min. Wire (Data)	6 A
Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega/\text{km}$ Electrical resistance coating wire (Data) $54 \Omega/\text{km}$ Nominal voltage power AC max. 300 V	Electrical function wire	Data
Electrical resistance line constant wire $78 \Omega/km$ Electrical resistance coating wire (Data) $54 \Omega/km$ Nominal voltage power AC max. $300 V$	Electrical function wire (data)	Power
Electrical resistance coating wire (Data) $54 \Omega/km$ Nominal voltage power AC max. $300 V$	Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Nominal voltage power AC max. 300 V	Electrical resistance line constant wire	78 Ω/km
	Electrical resistance coating wire (Data)	54 Ω/km
Electric capacitance (power) 40000 pF/km	Nominal voltage power AC max.	300 V
	Electric capacitance (power)	40000 pF/km



AC withstand voltage power (wire - shield)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m