

stay connected

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

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 12m

**PROFIBUS** 

Male straight

M12, 2-pole

B-coded

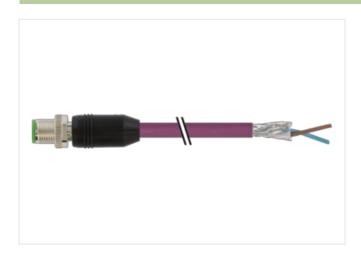
shielded

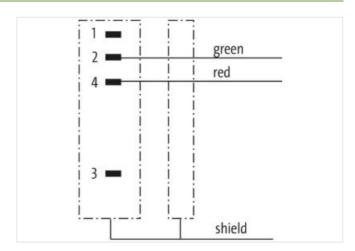
Plastic housings with good resistance against chemicals and oils.

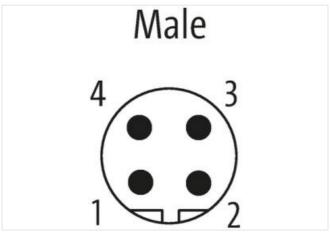
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

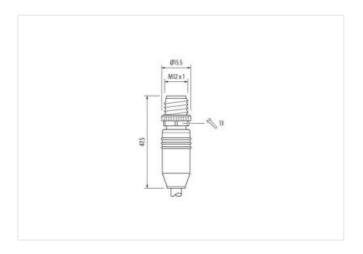
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

12 m

Side 1



Tightening torque	0.6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	B
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	4048879198370
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)	I
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   Climati	c
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
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Additional condition temperature range

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: 2024-04-23

depending on cable quality



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Strandling   2 wires twisted	Conformity	
Cabbe Identification         840           Jacket Color         violet           Yope of Certificate         CLPIus           Amount stranding         1           Stranding         2 wires twisted           Cabbe shielding (coverage)         70 %           Earding memorit         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cabbe weight         82,5 g/m           Material jacket         TPE-V           Freedom from ingredients (spaket)         7,9 mm           Tolerance outer diameter (spaket)         7,9 mm           Tolerance outer diameter (spaket)         7,9 mm           Color (inner jacket)         white           Amount wires         2           Quiter diameter (beharince core insulation         2,5 mm           Outer diameter (beharince core insulation         2,5 %           Conductor corescention (wire)         24 AWO           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C Instractional t	Product standard	DIN EN 61076-2-101 (M12)
Jacket Color Type of Cerfficate culffus Amount stranding 1 Stranding 2 wires twisted Cabbe shielding (type) Cabbe shielding (type) Cabbe shielding (coverage) 77 % Banding Fiscoe, Foll wire arrangement Fred, green No. of bending cycles (C-track) 5 Min. @ 25 °C Cabbe weight Makeral jacket 17E-V Freadom from ingredients (jacket) 1 deal free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) 5 % Materal inner jacket 17E-V Tolerance outer diameter (sheath) 5 % Materal inner jacket 17E-V Outer diameter (sheath) 5 % Materal inner jacket 17E-V Outer diameter insulation 0.125 5 mm  Outer diameter insulation 0.25 5 mm  Outer diameter oberance core insulation ingredient freeness wire insulation 1 5 % Materal inner jacket 1	Installation   Cable	
Type of Certificatie         CURsus           Amount stranding         1           Cable shielding (cype)         copper braid, linned           Cable shielding (coverage)         70 %           Banding         Fleece, Foll           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio, 22 °C           Cable weigh         82.5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         7,8 mm           Tolerance outer diameter (sheath)         4.5 %           Material jacket         TPE-V           Color (inner jacket)         TPE-V           Color (inner jacket)         TPE-V           Color (inner jacket)         4.6 %           Amount wires         2           Outer diameter insulation         2.55 mm           Outer diameter insulation         2.55 mm           Outer diameter swire insulation         1.6 %           Ingredient Neens wire insulation         1.6 %           Outer diameter (shearence once insulation)         1.6 %           Outer diameter (shearence once insulation)         1.6 %           Ingredient Neens wire insulation         1.6 %           Outer diameter (shearence once insulation)         1.5	Cable identification	840
Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleece, Foil           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         82.5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         8.7 mm           Tolerance outer diameter (sheet)         2.5 %           Material inner jacket         TPE-V           Color (inner jacket)         7.8 mm           Tolerance outer diameter (sheeth)         2.5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         1.5 %           Ingredient freeness wire insulation         1.6 degree           Ingredient freeness wire insulation         1.6 degree           Ingredient freeness wire insulation         1.6 degree           Conductor crassescition (wire)         2.4 AWG           Conductor crassescition (wire)         2.4 AWG           Conductor crassescition (wire) <t< td=""><td>Jacket Color</td><td>violet</td></t<>	Jacket Color	violet
Amount stranding         1           Stranding         2 wires twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleece, Foil           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         82.5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         8.7 mm           Tolerance outer diameter (sheet)         2.5 %           Material inner jacket         TPE-V           Color (inner jacket)         7.8 mm           Tolerance outer diameter (sheeth)         2.5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         1.5 %           Ingredient freeness wire insulation         1.6 degree           Ingredient freeness wire insulation         1.6 degree           Ingredient freeness wire insulation         1.6 degree           Conductor crassescition (wire)         2.4 AWG           Conductor crassescition (wire)         2.4 AWG           Conductor crassescition (wire) <t< td=""><td>Type of Certificate</td><td>cURus</td></t<>	Type of Certificate	cURus
Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleese, Foll           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         82.5 pm           Material jacket         TPE-V           Freedom from ingredients (jacket)         17.8 mm           Colure-diameter (jacket)         7.8 mm           Tolerance outer diameter (sheath)         1.5 %           Material inner jackot         White           Amount wires         2           Cour diameter insulation         2.55 mm           Outer diameter loterance core insulation         1.5 %           Ingredient feeness wire insulation         1.5 %           Under diameter of collections wire         1.5 %           Diameter of single wires         2.4 AWG           Conductor crosssection (wire)         2.4 AWG           Material conductor wire         Sm. @ 25 °C; Instructual           Traversing distance (C-track)         5 m. @ 25 °C; Instructual           Current load capacity (standard)         5 DIN VDE 0938-4           Current load capacity (standard)         5 DIN VDE 0938-4           Current load capacity (standard) <t< td=""><td>Amount stranding</td><td>1</td></t<>	Amount stranding	1
Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         70 %           Banding         Fleese, Foll           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         82.5 pm           Material jacket         TPE-V           Freedom from ingredients (jacket)         17.8 mm           Colure-diameter (jacket)         7.8 mm           Tolerance outer diameter (sheath)         1.5 %           Material inner jackot         White           Amount wires         2           Cour diameter insulation         2.55 mm           Outer diameter loterance core insulation         1.5 %           Ingredient feeness wire insulation         1.5 %           Under diameter of collections wire         1.5 %           Diameter of single wires         2.4 AWG           Conductor crosssection (wire)         2.4 AWG           Material conductor wire         Sm. @ 25 °C; Instructual           Traversing distance (C-track)         5 m. @ 25 °C; Instructual           Current load capacity (standard)         5 DIN VDE 0938-4           Current load capacity (standard)         5 DIN VDE 0938-4           Current load capacity (standard) <t< td=""><td>Stranding</td><td>2 wires twisted</td></t<>	Stranding	2 wires twisted
Cable shielding (coverage)         70 %           Banding         Fleece, Foll           wie arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weight         82,5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,8 mm           Tolerance unter diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Quier diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         ± 5 %           Unter diameter of single wires         2 4 AWG           Conductor ories swire insulation         ± 4 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C (I horizontal           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 (standard)         to DIN VDE 0298 4		
Panding   Fleece, Foil   red, green   re		
wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weight         82.5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         1,5 %           Ingredient freeness wire insulation         1,5 %           Ingredient freeness wire insulation         1,6 %           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor crossection (wire)         24 AWG           Material conductor wire         Stranded opper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 Qikm @ 20 °C           Nominal voltage power A C max.         25 °V           Electrica		Fleece, Foil
No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weight         82,5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter sinsulation         ± 5 %           Ingredient freeness wire insulation         ± 5 %           Ingredient freeness wire insulation         ± 6 %           Ingredient freeness wire insulation         ± 8 %           Ingredient freeness wire insulation         ± 8 %           Ingredient freeness wire insulation         ± 8 MrG           Conductor crossection (wire)         24 AWG           Conductor crossection (wire)         24 AWG           Conduct		· · · · · · · · · · · · · · · · · · ·
Cable weigth         82.5 g/m           Material jacket         TPE-V           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         2.5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter folerance core insulation         2,55 mm           Under diameter folerance core insulation         1e3 %           Ingredient freeness wire insulation         1ead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of Isingle wires         24 AWG           Conductor crosssection (wire)         24 AWG           Conductor voice         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   Instrontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity line, wire         3 A           Electrical capacity line, constant (wire - wire)         3 (A Wine @ 20 °C           Nominal voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1 kV @ 60 s	-	<u> </u>
Material jacket         TPE-V           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter lostratos core insulation         2,55 mm           Outer diameter folorance core insulation         ± 5 %           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         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 Q/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire) (power)         1 kV @ 60 s           AC withstand voltage power (wire - shied)         1 kV @ 60 s		
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor orssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 0/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity in constant (wire - wire) (power)         1 kV @ 60 s           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1		
Outer-diameter (jacket)         7,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket)         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Under diameter tolerance core 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 or osssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire wire         78 ©/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire)         30000 pF/km           AC withstand voltage power (wire - shield)         1 kV @ 60 s           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Min. operating temperature (fixed)         80 °C	•	
Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter loterance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount stands (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           Current load capacity (standard)         to DIN VDE 0298-4		<del>_</del>
Material inner jacket         TPE-V           Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2.55 mm           Outer diameter tolerance core insulation         ± 5 %           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         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity kine wire         3 A           Electrical resistance line constant wire         78 Ω/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire)         30000 pF/km           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - wire)         1 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (static)         70 °C           F	* '	·
Color (inner jacket)         white           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         £ 5 %           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         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (ine constant wire         78 Ω/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire)         30000 pF/km           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         70 °C           Cperating temperature max. (dynamic)         70 °C	* '	
Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         ± 5 %           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         Stranded copper wire, bare           Taversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 Ω/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire) (power)         1 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1 kV @ 60 s           AC withstand voltage power (wire - wire)         1 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature max. (dynamic)         20 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         U. 1581 § 1100 FT2		
Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         ± 5 %           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         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 C/km @ 20 °C           Nominal voltage power AC max.         255 V           Electrical capacity line constant (wire - wire) (power)         1 kV @ 60 s           AC withstand voltage power (wire - shield)         1 kV @ 60 s           AC withstand voltage power (wire - wire)         1 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         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resista		
Outer diameter tolerance core insulation         ± 5 %           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         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 Ω/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire) (power)         30000 pF/km           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - wire)         1 kV @ 60 s           AC withstand voltage power (wire - wire)         1 kV @ 60 s           Max. operating temperature (sixed)         40 °C           Max. operating temperature (sixed)         80 °C           Operating temperature (sixed)         80 °C           Operating temperature (sixed)         70 °C           Flame resistance         U. 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           c		
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 Stranded copper wire, bare  Traversing distance (C-track) 5 m @ 25 °C   horizontal   Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3 A  Electrical resistance line constant wire 78 Ω/km @ 20 °C  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 1 kV @ 60 s  Power frequency withstand voltage power (wire - wire) (wire - wire) (wire - jacket)  AC withstand voltage power (wire - wire) 1 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 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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		·
Amount strands (wire) 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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3 A Electrical resistance line constant wire 78 Ω/km @ 20 °C Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) 1 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1 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 UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090 Chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter		
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  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3 A  Electrical resistance line constant wire 78 Ω/km @ 20 °C  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) 30000 pF/km  AC withstand voltage power (wire - shield) 1 kV @ 60 s  Power frequency withstand voltage power (wire - shield) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature min. (dynamic) -20 °C  Characterical resistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gil resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		
Conductor crosssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         3 A           Electrical resistance line constant wire         78 Ω/km @ 20 °C           Nominal voltage power AC max.         250 V           Electrical capacity line constant (wire - wire) (power)         30000 pF/km           AC withstand voltage power (wire - shield)         1 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         1 kV @ 60 s           AC withstand voltage power (wire - wire)         1 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         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         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)	· · ·	
Material conductor wire Stranded copper wire, bare  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3 A  Electrical resistance line constant wire 78 \( \Omega \) / Km @ 20 °C  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 1 kV @ 60 s  Power frequency withstand voltage power (wire - wire) (wire - jacket) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 2 o °C  Operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 3 A  Electrical resistance line constant wire 78 Ω/km @ 20 °C  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield) 1 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 kV @ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -20 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		
Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       3 A         Electrical resistance line constant wire       78 Ω/km @ 20 °C         Nominal voltage power AC max.       250 V         Electrical capacity line constant (wire - wire) (power)       30000 pF/km         AC withstand voltage power (wire - shield)       1 kV @ 60 s         Power frequency withstand voltage power (wire - wire)       1 kV @ 60 s         AC withstand voltage power (wire - wire)       1 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       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       Good, application-related testing   DIN EN 60811-404         Bending radius (fixed)       10 x Outer diameter		
Current load capacity min. wire 3 A  Electrical resistance line constant wire 78 \( \Omega / \text{km} \) \( \omega 20 \text{ °C} \)  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) (power) 30000 pF/km  AC withstand voltage power (wire - shield) 1 kV \( \omega 60 \text{ s} \)  Power frequency withstand voltage power (wire - wire) 1 kV \( \omega 60 \text{ s} \)  AC withstand voltage power (wire - wire) 1 kV \( \omega 60 \text{ s} \)  Min. operating temperature (static) -40 \( \cdot C \)  Max. operating temperature (fixed) 80 \( \cdot C \)  Operating temperature min. (dynamic) -20 \( \cdot C \)  Operating temperature max. (dynamic) 70 \( \cdot C \)  Flame resistance UL 1581 \( \xi \) 1100 FT2   IEC 60332-2-2   UL 1581 \( \xi \) 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		
Electrical resistance line constant wire 78 \( \Omega \) // km \( \omega \) 20 °C  Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) (power) 30000 pF/km  AC withstand voltage power (wire - shield) 1 kV \( \omega \) 60 s  Power frequency withstand voltage power (wire - wire) 1 kV \( \omega \) 60 s  AC withstand voltage power (wire - wire) 1 kV \( \omega \) 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 UL 1581 \( \green \) 1100 FT2   IEC 60332-2-2   UL 1581 \( \green \) 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter		
Nominal voltage power AC max. 250 V  Electrical capacity line constant (wire - wire) 30000 pF/km  AC withstand voltage power (wire - shield) 1 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 kV @ 60 s  AC withstand voltage power (wire - wire) 1 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 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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter	<u> </u>	
Electrical capacity line constant (wire - wire) (power)  AC withstand voltage power (wire - shield)  1 kV @ 60 s  Power frequency withstand voltage power (wire - wire)  1 kV @ 60 s  AC withstand voltage power (wire - wire)  1 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  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter		
AC withstand voltage power (wire - shield)  Power frequency withstand voltage power (wire - shield)  AC withstand voltage power (wire - wire)  Ac withstand voltage power (wire - shield)  Ac withstand voltage power (wire -		250 V
Power frequency withstand voltage power (wire - jacket)  AC withstand voltage power (wire - wire)  1 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  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter		30000 pF/km
(wire - jacket)  AC withstand voltage power (wire - wire)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  AC oc  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To oc  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter	AC withstand voltage power (wire - shield)	1 kV @ 60 s
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	1 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -20 °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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter	AC withstand voltage power (wire - wire)	1 kV @ 60 s
Operating temperature min. (dynamic)  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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter	Min. operating temperature (static)	-40 °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  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  10 x Outer diameter	Max. operating temperature (fixed)	80 °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 Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic) 12 x Outer diameter	Bending radius (fixed)	
	Bending radius (dynamic)	12 x Outer diameter