

stay connected

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

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 25m

**PROFIBUS** 

Male straight

M12, 2-pole

B-coded

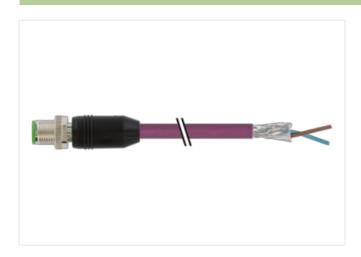
shielded

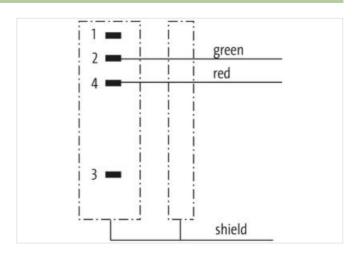
Plastic housings with good resistance against chemicals and oils.

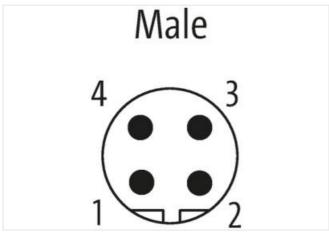
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

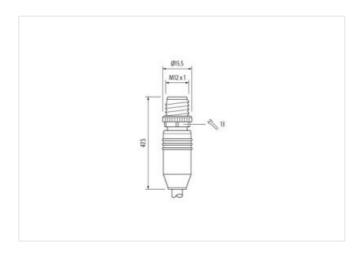
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

25 m

Side 1



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Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
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	4048879377287
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   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

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

Installation   Cable	Conformity	
Installation   Cable   Cable identification   841   Jacket Color   Violet   Type of Certificate   CUPus   Amount stranding   1   Vincet   Type of Certificate   CUPus   Amount stranding   1   Vincet   Type of Certificate   CUPus   Amount stranding   1   Vincet   Type of Certificate   CUPus   Amount stranding   2   Vincet with 2 Filler twisted   Cable delivedling (type)   Cooper braid, timed   Cable delivedling (coverage)   85 %   Bandring   Piecoe, Foil   Filler   Yes   Wes   Vincet   Vincet   Titler   Yes   Wes   Vincet   Vincet   Wes   Vincet   Vincet	Product standard	DIN FN 61076-2-101 (M12)
Cable identification 841  Lacket Color violet violet violet violet violet Color violet		BIN EN OTOTO 2 TOT (WITZ)
Jacket Color Type of Certificate  OUTRUS  Amount stranding  1 Stranding  2 wires with 2 Filler twisted  Cable shielding (type)  Samming  Filler  yas  Wile arrangement  ted, green  No. of bending cycles (C-track)  Shio. @ 25 °C  Cable weigh  70.4 g/m  Material jacket  PUR  Shore hardness jacket  PUR  Shore hardness jacket  PUR  Shore hardness jacket  Freedom from ingredients (jacket)  Cutler-diameter (jacket)  7,7 mm  Tolerance outer diameter (sheath)  2.5 %  Amount wires  2  Cutler diameter insulation  Outer diameter (sheath)  Freedom from ingredients (special to the candium free, CFC-free, halogen-free  Cutler diameter tolerance core insulation  Anount arrands (wire)  Diameter of single wires  19  Anount wires  24  Wile Conductor crosssection (wire)  41  Diameter of single wires  Anount wire  Conductor crosssection (wire)  Anount wire  Conductor (-track)  Conductor	Installation   Cable	
Type of Certificate cURsus Amount stranding 1 1 cyries with 2 Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fileco, Foil Filler ys Weie arrangement red, green No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable with the company of the c	Cable identification	841
Amount stranding 1 Stranding 2 wires with 2 Filler twisted Cable shieding (type) copper braid, tinned Cable sheeting (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement red, green No. or bending cycles (C-track) 5 Mio. @ 25 °C Cable weigh 70,4 g/m Malerial jacket PUR Shore hardness jacket 87 x 3 Shore A Freedom from ingredients (jacket) parallel pa		violet
Stranding 2 wires with 2 Filter twisted  Cable shelding (type) copper braid, finned  Cable shelding (coverage) 85 %  Banding Fleece, Foil  Filter yes  wire arrangement red, green  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 70.4 g/m  Material jacket PUR  Shore hardness jacket Freedom from Ingeriedients (jacket) 17,7 mm  Tolerance outer diameter (jacket) 7,7 mm  Tolerance outer diameter (jacket) 17,7 mm  Tolerance outer diameter (jacket) 17,7 mm  Tolerance outer diameter (jacket) 17,7 mm  Tolerance outer diameter insulation 2.55 mm  Outer diameter insulation 2.55 mm  Outer diameter tolerance core insulation 60 ± 3 Shore D  Ingredient freeness wire insulation 60 ± 3 Shore D  Ingredient reeness wire insulation 60 ± 3 Shore D  Diameter of single wires 24 AWG  Conductor crosssection (wire) 19  Diameter of single wires 24 AWG  Conductor vire Stranded copper wire, bare  Traversing distance (C-track) 5 m @ 25 °C   Incircontal  Current load capacity (standard) 10 DIN VIDE 0298-4  Current load capacity (mix wire 19 19  Electrica resistance line constant wire 19 22 AWG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC withstand voltage power (wire - wire) 2 AVG  AC  AC withstand voltage power (wire - wire) 2 AVG  AC  AC withstand voltage power (wire - wire) 2 AVG  AC  AC withstand voltage power (wire - wire) 2 AVG  AC  AC  AC withstand voltage power (wire - wire) 2 AVG  AC  AC  AC  AC  AC  A	Type of Certificate	cURus
Cable shelding (coverage)         65 %           Banding         Fleeco, Foll           Filler         yes           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         70.4 g/m           Material jacket         87 2 3 Shore A           Freedem from ingredients (gacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         1.5 %           Tolerance outer diameter (sheath)         1.5 %           Amount wires         2           Outer diameter isulation         2.55 mm           Outer diameter visit isulation         6.6 ± 3 Shore D           Outer diameter visit isulation         6.5 ± 3 Shore D           Outer diameter visit is issulation         6.6 ± 3 Shore D           Ingredient freeness were insulation         6.4 × 3 Shore D           Outer diameter of single wires         2.4 AWG           Amount strands (wire)         19           Diameter of single wires         2.4 AWG           Material conductor wire         Stranded copper wire, bare           Taversing distance (C-track)         5 m @ 25 °C ( horizontal           Current load capacity min. wire         4,5 A           Electrical resi		1
Cable shielding (coverage)         85 %           Banding         Filece, Foll           Filler         yes           wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weight         70.4 g/m           Material jacket         PUR           Shore hardness jackel         87 ± 3 Shore A           Freedom from ingredients (jacket)         7.7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredien	Stranding	2 wires with 2 Filler twisted
### Fleece, Foll	Cable shielding (type)	copper braid, tinned
Filler yes wire arrangement red, green red,	Cable shielding (coverage)	85 %
wire arrangement         red, green           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weight         70.4 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 3 Shore A           Freedom from ingredients (jacket)         7.7 mm           Outer-diameter (jacket)         7.7 mm           Tolerance outer diameter (sehath)         ± 5 %           Amount wires         2           Outer diameter insulation         2.55 mm           Outer diameter insulation         2.55 mm           Outer diameter insulation         2.5 mm           Outer diameter insulation         4.5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient reseass wire insulation         19           Ingredient reseass wire insulation         19           Diameter of single wires         24 AWG           Conductor crosssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C (horizontal           Current load capacity (standard)         to DIN VE 0298-4           Current load capacity min. wire         4,5 A           Electrical resistance (lower)         200 °C <td>Banding</td> <td>Fleece, Foil</td>	Banding	Fleece, Foil
No. of bending cycles (C-track)  Cable weigh  70.4 g/m  Material jacket  Shore hardness jacket  PUR  Shore hardness jacket  87 ± 3 Shore A  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  7,7 mm  Tolerance outer diameter (sheath)  ± 5 %  Amount wires  2  Outer diameter insulation  \$2.55 mm  Outer diameter tolerance core insulation  \$5 %  Shore hardness wire insulation  \$6 ± 3 Shore D  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, halogen-free  Amount strands (wire)  19  Diameter of siligney wires  24 AWG  Conductor crosssection (wire)  44 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)  Current load capacity (standard)  Nominal vollage power AC max.  30 V  Electrica resistance line constant wire  72,2 Ωkm @ 20 °C  Nominal vollage power (wire -shield)  2 kV @ 60 s  AC withstand voltage power (wire -shield)  AC withstand voltage power (wire -shield)  AC withstand voltage power (wire -wire)  2 kV @ 60 s  AC withstand voltage power (wire -wire)  2 kV @ 60 s  Max. operating temperature (fixed)  Min. operating temperature max. (dynamic)  20 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  DIN EN 68811-404	Filler	yes
Cable weight         70,4 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         2           Outer diameter Insulation         2,55 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Ingredient freeness wire insulation         19           Ingredient freeness wire insulation         10           Ingredient freeness wire insulation         10           Ingredient freeness wire insulation         10	wire arrangement	red, green
Material jacket         PUR           Shore hardness jacket         87 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wirkes         2           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor crosssection (wire)         24 AWG           Conductor wire         Stranded copper wire, bare           Traversing distance (0-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4.5 A           Electrical resistance line constant wire         72.2 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Electrical capacitance (power)         2 kV @ 60 s           AC withstand voltage power (wire - shield)         2 kV @ 60 s	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Shore hardness jacket         87 ± 3 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         2           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor crosssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire)         4.5 A           Electrical resistance line constant wire         72.2 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Electrical resistance (power)         29000 pF/km           AC withstand voltage power (wire - shield)         2 k V @ 6	Cable weigth	70,4 g/m
Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor 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         4,5 A           Electrical resistance line constant wire         72,2 rD/km @ 20 °C           Nominal voltage power AC max.         300 V           Electric capacitance (power)         2 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. op	Material jacket	PUR
Outer-diameter (jacket)         7,7 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter lolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor 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         4,5 A           Electrical resistance (newer)         29000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Power frequency withstand voltage power (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C	Shore hardness jacket	87 ± 3 Shore A
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires         2           Outer diameter insulation         2,55 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor crosssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (sta	Outer-diameter (jacket)	7,7 mm
Outer diameter insulation 2,55 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 72,2 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electric capacitance (power) 28NV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Good, application-related testing Gold resistance Good, application-related testing Gold resistance Good, application-related testing Golf resistance Good, application-related testing IDIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	Tolerance outer diameter (sheath)	± 5 %
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         60 ± 3 Shore D           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         24 AWG           Conductor crosssection (wire)         24 AWG           Material conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Current load capacity standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Electrical resistance line constant wire         72,2 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Electric capacitance (power)         29000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (static)         -20 °C           Operating temperature max. (dynamic)         -20 °C           Operating temp	Amount wires	2
Shore hardness wire insulation 60 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C   horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 72,2 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Electric apacitance (power) 29000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency 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) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing   DIN EN 60811-404 Bending radius (fixed) 7,5 × Outer diameter	Outer diameter insulation	2,55 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 24 AWG  Conductor crosssection (wire) 24 AWG  Material conductor wire Stranded copper wire, bare  Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 72,2 Q/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing  Bending radius (fixed) 7,5 x Outer diameter	Outer diameter tolerance core insulation	± 5 %
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) Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 72,2 \( \Omega \text{Lm} \text{@ 20 °C} \) Nominal voltage power AC max. 300 V Electric capacitance (power) 29000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature fixed) 80 °C Operating temperature min. (dynamic) 20 °C Coperating temperature max. (dynamic) 70 °C Flame resistance Elect 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Chemical resistance Good, application-related testing Cli resistance	Shore hardness wire insulation	60 ± 3 Shore D
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 4,5 A  Electrical resistance line constant wire 72,2 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance EC 6032-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gil resistance Good, application-related testing  Gil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 × Outer diameter	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
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         4,5 A           Electrical resistance line constant wire         72,2 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Electric capacitance (power)         29000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Power frequency withstand voltage power (wire - wire)         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)         -20 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         7,5 x Outer diamet	Amount strands (wire)	19
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 4,5 A  Electrical resistance line constant wire 72,2 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Diameter of single wires	24 AWG
Traversing distance (C-track) 5 m @ 25 °C   horizontal  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  Electrical resistance line constant wire 72,2 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Conductor crosssection (wire)	24 AWG
Current load capacity (standard)  Current load capacity min. wire  4,5 A  Electrical resistance line constant wire  72,2 Ω/km @ 20 °C  Nominal voltage power AC max.  300 V  Electric capacitance (power)  29000 pF/km  AC withstand voltage power (wire - shield)  2 kV @ 60 s  Power frequency withstand voltage power (wire - wire)  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)  70 °C  Flame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 × Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 4.5 A  Electrical resistance line constant wire 72,2 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - yacket) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Traversing distance (C-track)	5 m @ 25 °C   horizontal
Electrical resistance line constant wire 72,2 Ω/km @ 20 °C  Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s  AC withstand voltage power (wire - wire) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 300 V  Electric capacitance (power) 29000 pF/km  AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - wire) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Current load capacity min. wire	4,5 A
Electric capacitance (power)  AC withstand voltage power (wire - shield)  Power frequency withstand voltage power (wire - wire)  2 kV @ 60 s  AC withstand voltage power (wire - wire)  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)  -20 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Electrical resistance line constant wire	72,2 Ω/km @ 20 °C
AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - jacket) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield) 2 kV @ 60 s  Power frequency withstand voltage power (wire - jacket) 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) -20 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	Electric capacitance (power)	29000 pF/km
Power frequency withstand voltage power (wire - jacket)  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)  -20 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	AC withstand voltage power (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  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)  7,5 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  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)  7,5 x Outer diameter	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  70 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Good, application-related testing   DIN EN 60811-404  Bending radius (fixed)  7,5 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 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) 7,5 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) 7,5 x Outer diameter	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Oil resistance	Good, application-related testing   DIN EN 60811-404
	Bending radius (fixed)	
	Bending radius (dynamic)	12 x Outer diameter