

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

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 15m

**PROFIBUS** 

Male straight

M12, 2-pole

B-coded

shielded

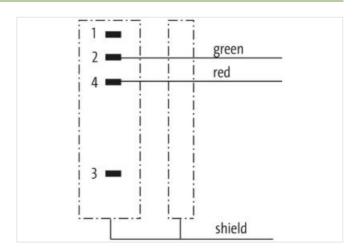
Plastic housings with good resistance against chemicals and oils.

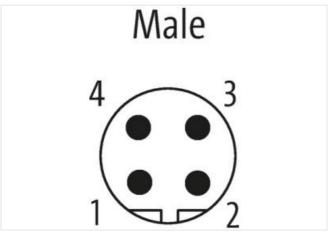
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

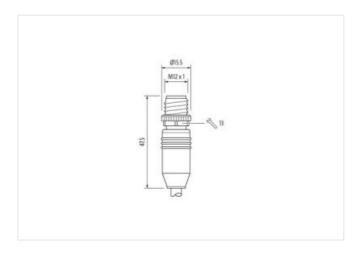
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

15 m

Side 1



| 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                                     | 4048879198363                         |
| 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)             | 1                                     |
| Mechanical data                          |                                       |
| Contour for corrugated hose              | without                               |
| Mechanical data   Material data          |                                       |
| Coating locking                          | Nickeled                              |
| Coating of fitting                       | nickel plated                         |
| Locking material                         | Zinc die-casting                      |
| Material screw connection                | Zinc die-casting                      |
| Mechanical data   Mounting data          |                                       |
| Mounting method                          | inserted, screwed, Shaking protection |
| Environmental characteristics   Climatic |                                       |
| 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

| 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 (betrance core insulation         2,5 mm           Outer diameter (betrance core insulation         2,5 %           Conductor (inner jacket)         2,4 AWG           Material (wire)         19           Diameter of single wires         2,4 AWG           Material (wire)  | 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 insulation         4.5 %           Orior of single wires         2.4 AWG           Outer diameter (shearence occe insulation)         1.5 %           Diameter of single wires         2.4 AWG           Material conductor wire         5 m @ 25 °C   hotizontal           Comulation consection (wire)         5 m @ 25 °C   hotizontal <td>Cable identification</td> <td>840</td>  | 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         2,55 mm           Outer diameter tolerance core insulation         15 %           Ingredient freeness wire insulation         45 %           Ingredient freeness wire insulation         18           Diameter of single wires         24 AWG           Conductor crossessection (wire)         24 AWG           Meterial conductor wire         Stranded copper wire, bare           Traversing distance (C-track)         5 m @ 25 °C (broizontal           Current load capacity (standard)         10 DIN VDE 0298 4           Current load capacity (standard)         10 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         ± 6 %           Ingredient freeness wire insulation         ± 6 %           Ingredient freeness wire insulation         ± 6 %           Conductor crossection (wire)         ± 4 AWG           Co   |   | *  |
| 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) 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 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 Cuter 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           Gil 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                                  |