

M12 female recept. A-cod. rear

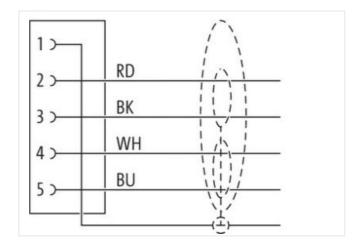
PUR AWG24+22 shielded vt UL/CSA+drag ch. 1m

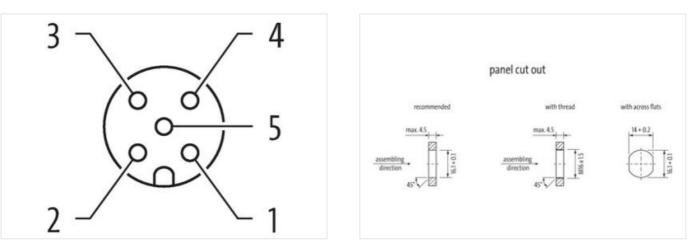
DeviceNet, CANopen Flange female M12, 5-pole Rear mounting without cable sleeves Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



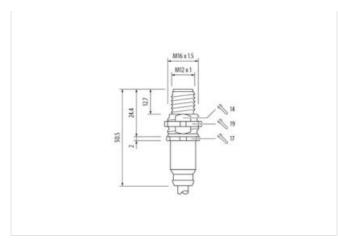






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Product may differ from Image



| Cable length | 1 m |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Coding | A |
| Material | Brass |
| No. of poles | 5 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Commercial data | |
| ECLASS-6.0 | 27279220 |
| ECLASS-6.1 | 27279220 |
| ECLASS-7.0 | 27440103 |
| ECLASS-8.0 | 27440103 |
| ECLASS-9.0 | 27440103 |
| ECLASS-10.1 | 27440103 |
| ECLASS-11.1 | 27440103 |
| ECLASS-12.0 | 27440103 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879732024 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 4 A |
| Installation Connection | |
| ation in this Product-PDE has been compiled with th | |

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| Mounting set M18 x 1.5 Widm across flats SW19 Device protection Electrical Protection NEMA Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1.5 kV Matchanical data Material data Cacing housing Coating housing nickel plated Coating toolking Brass Material screw commercion Brass Mounting method Schraubgewinde Looking techniques Schraubgewinde Noting method Schraubgewinde Looking techniques Schraubgewinde < | Stripping length (jacket) | 20 mm |
|--|--|---|
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| Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, 5 kV Material group (IEC 60664-1) I Mechanical data (Material data | Width across flats | SW19 |
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| Cable shielding (type) copper braid, tinned | | |
| | | |
| | | |
| Banding Foil | | |
| Drain wire (cross-section) 22 AWG | Drain wire (cross-section) | 22 AWG |
| wire arrangement (white, blue), (black, red) | · · · · · · · · · · · · · · · · · · · | (white, blue), (black, red) |
| Traversing distance (C-track) 5 m | Traversing distance (C-track) | 5 m |
| Cable weigth 63,12 g/m | Cable weigth | 63,12 g/m |
| Material jacket PUR | Material jacket | PUR |
| Shore hardness jacket 90 ± 5 Shore A | Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) 6,9 mm | Outer-diameter (jacket) | 6,9 mm |
| Tolerance outer diameter (sheath) ± 5 % | Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation PE | Material wire insulation | PE |

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| Amount wires | 2 |
|--|---|
| Outer diameter insulation | 2,1 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 64 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 24 AWG |
| Conductor crosssection (wire) | 24 AWG |
| Drain wire (cross-section) | 22 AWG |
| Material conductor wire | copper stranded wire, tinned |
| Electrical function wire | Data |
| Material wire insulation (Data) | PE |
| Outer diameter wire insulation (Data) | 1,5 mm |
| Tolerance outer diameter wire insulation (data) | ± 53 % |
| Ingredient freeness wire insulation (Data) | lead-free, CFC-free, halogen-free |
| Amount wires (Data) | 2 |
| Amount strands wire (Data) | 19 |
| Diameter of single wires (Data) | 22 AWG |
| Conductor crosssection wire (Data) | 22 AWG |
| Material conductor wire (Data) | copper stranded wire, tinned |
| Electrical function wire (data) | Power |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4.5 A |
| | · · · · |
| Current load capacity min. Wire (Data) | 6 A |
| Current load capacity min. Wire (Data) Electrical function wire | 6 A Data |
| Electrical function wire | 6 A Data Power |
| Electrical function wire Electrical function wire (data) | Data Power |
| Electrical function wire Electrical function wire (data) Characteristic impedance | Data Power 120 Ω ± 10 % @ 1 MHz |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s |
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| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C |
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| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing DIN EN 60811-404 Good, application-related testing |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 30 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (installation) Bending radius (fixed) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing IDIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (dynamic) Travel speed (C-track) | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter 1 Mio. |
| Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (dynamic) Travel speed (C-track) No. of torsion cycles | Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter 1 Mio. 2 Mio. |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-05

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