

M12 female 0° A-cod. with cable shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 30m

Female straight M12, 3-pole shielded

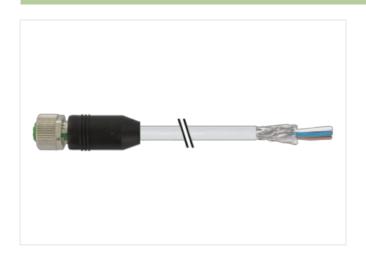
with cable sleeves

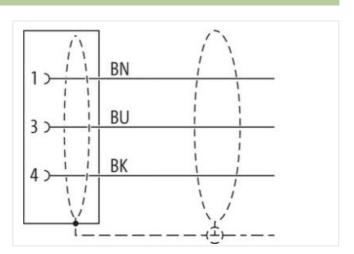
Plastic housings with good resistance against chemicals and oils.

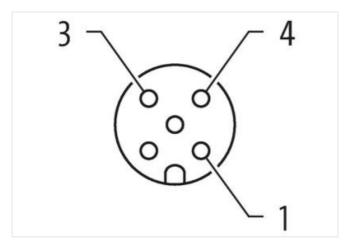
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

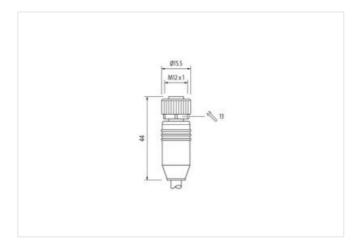
Link to Product

Illustration









Product may differ from Image













Cable length

30 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03



| Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 | |
|---|--|
| CodingAMaterialPURWidth across flatsSW13 | |
| Material PUR Width across flats SW13 | |
| Width across flats SW13 | |
| | |
| Degree of protection (EN IEC 60529) IP65, IP66K, IP67 | |
| | |
| Commercial data | |
| ECLASS-6.0 27279218 | |
| ECLASS-6.1 27279218 | |
| ECLASS-7.0 27279218 | |
| ECLASS-8.0 27279218 | |
| ECLASS-9.0 27060311 | |
| ECLASS-10.1 27060311 | |
| ECLASS-11.1 27060311 | |
| ECLASS-12.0 27060311 | |
| ETIM-5.0 EC001855 | |
| customs tariff number 85444290 | |
| GTIN 4065909059210 | |
| 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 | |
| Mounting set M12 x 1 | |
| Device protection Electrical | |
| Additional condition protection degree inserted, screwed | |
| Pollution Degree 3 | |
| Rated surge voltage 1,5 kV | |
| Material group (IEC 60664-1) | |
| Mechanical data 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 | |
| Environmental characteristics Climatic Operating temperature min25 °C | |
| Operating temperature min25 °C Operating temperature max. 85 °C | |
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| Operating temperature min25 °C Operating temperature max. 85 °C | |
| Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality | |
| Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity | |
| Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 240 | |
| Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | |



stay connected

| Type of Certificate | cURus |
|---|--|
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| Banding | Fleece, Foil |
| wire arrangement | brown, black, blue |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Travel speed (C-track) | 5 Mio. @ 25 °C |
| Cable weigth | 44 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 5 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 3 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 6 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage (wire - shield) | 2 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| 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 | DIN EN 60811-404 Good, application-related testing |
| | 5 x Outer diameter |
| Bending radius (fixed) | 3 x Outer diameter |
| Bending radius (fixed) Bending radius (dynamic) | 10 x Outer diameter |
| | |
| Bending radius (dynamic) | 10 x Outer diameter |