

M12 male 90° A-cod. with cable shielded

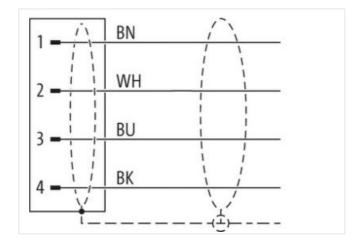
PUR 4x0.34 shielded gy 1.5m

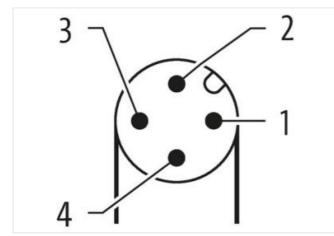
Male 90° M12, 4-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

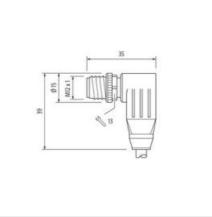
Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

1,5 m

0,6 Nm

Tightening torque

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: 2024-05-21



| Coating contact | gold plated |
|---|---------------------------------------|
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Coating contact | gold plated |
| 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 | 4048879200639 |
| 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 |
| Diagnostics | |
| Status indication LED | no |
| 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 | 3 1,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| i de la companya de l | Nickeled |
| Coating locking | |
| Coating of fitting Locking material | nickel plated Zinc die-casting |
| Material screw connection | Zinc die-casting 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 |

Important installation notes



Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable wire arrangement brown, black, blue, white Cable identification 331 Jacket Color gray Amount stranding 1 Stranding 4 wires twisted Banding Fleece, Foil wire arrangement brown, black, blue, white Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ±5% Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 85 ± 5 Shore A Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free 42 Amount strands (wire) 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 6 350 V Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.8 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 -2 kV @ 60 s iacket) AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °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 (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 0,1 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C

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Travel speed (C-track)

3 m/s @ 25 °C

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