

M12 female 0° A-cod. with cable shielded

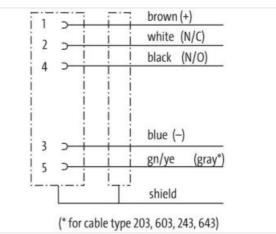
PUR 5x0.34 shielded gy UL/CSA+drag ch. 10m

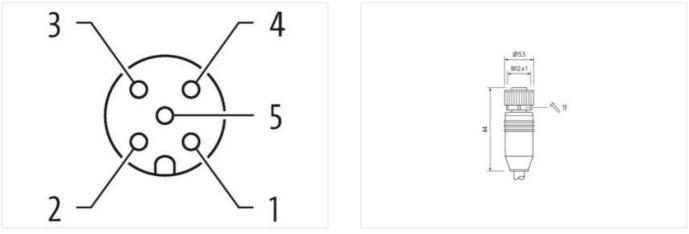
M12, 5-pole Female straight shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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10 m

0,6 Nm

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| Family construction form Thread Cable outlet Coding | M12 M12 x 1 |
|---|---------------------------------------|
| Cable outlet | M12 x 1 |
| | |
| Coding | straight |
| 5 | A |
| 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 | 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 | 4048879462457 |
| Packaging unit | 1 |
| Electrical data Supply | |
| | 60 V |
| Operating voltage AC max. 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 |
| Gender | female |
| 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 | |
| | -25 ℃ |
| Operating temperature min. Operating temperature max. | -25 °C 85 °C |
| Additional condition temperature range | depending on cable quality |
| | |
| Conformity mation in this Product-PDF has been compiled with the | |

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Product standard

DIN EN 61076-2-101 (M12)

| Installation Cable | |
|---|--|
| Cable identification 242 | |
| Cable Type 3 | |
| Jacket Color gray | |
| Type of Certificate cURus | |
| Amount stranding 1 | |
| Stranding 5 wires around Core filler twister | ed |
| Cable shielding (type) copper braid, tinned | |
| Cable shielding (coverage) 80 % | |
| Banding Fleece, Foil | |
| Filler yes | |
| wire arrangement brown, black, blue, white, gree | n-yellow |
| No. of bending cycles (C-track) 5 Mio. @ 25 °C | |
| Cable weigth 57,2 g/m | |
| Material jacket PUR | |
| Shore hardness jacket 90 ± 5 Shore A | |
| Freedom from ingredients (jacket) lead-free, cadmium-free, CFC- | iree, halogen-free, silicone-free |
| Outer-diameter (jacket) 5,6 mm | |
| Tolerance outer diameter (sheath) ± 5 % | |
| Material wire insulation PP | |
| Amount wires 5 | |
| 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- | iree, halogen-free, silicone-free |
| Amount strands (wire) 42 | |
| Diameter of single wires 0,1 mm | |
| Conductor crosssection (wire) 0,34 mm ² | |
| Material conductor wire Stranded copper wire, bare | |
| Conductor type (wire) strand class 6 | |
| 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 57 Ω/km @ 20 °C | |
| Nominal voltage power AC max. 300 V | |
| AC withstand voltage power (wire - shield) 2 kV @ 60 s | |
| Power frequency withstand voltage power 2 kV @ 60 s (wire - jacket) | |
| AC withstand voltage power (wire - wire) 2 kV @ 60 s | |
| Min. operating temperature (static) -40 °C | |
| Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Oper | |
| Operating temperature min. (dynamic) -25 °C | ation |
| | ation |
| Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Oper | |
| Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperFlame resistanceIEC 60332-2-2 UL 1581 § 110 | ation |
| | ation 10 FT2 UL 1581 § 1090 |
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