

M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy 16m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

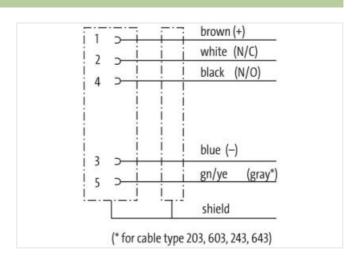
The resistance to aggressive media should be individually tested for your application. Further details on request.

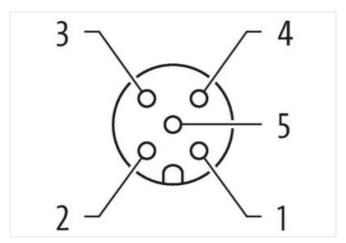
Further cable lengths on request.

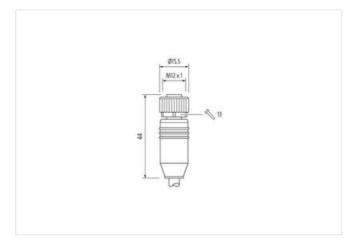
Link to Product

Illustration









Product may differ from Image









Cable length

16 m

Side 1

Tightening torque

0,6 Nm

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

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| Mounting method | inserted, screwed |
|------------------------------------------|---------------------------------------|
| Family construction form | M12 |
| Thread | M12 x 1 |
| Cable outlet | straight |
| Coding | 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-7.0 ECLASS-8.0 | 27279218 |
| | |
| ECLASS-9.0 ECLASS-10.1 | 27060311 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 ECLASS-12.0 | 27060311 |
| ETIM-5.0 | |
| | EC001855 85444290 |
| customs tariff number GTIN | 4048879863933 |
| | |
| 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 | |
| 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) | |
| 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 Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| | macrica, screwau, smaxing protection |
| Environmental characteristics Climatic | 05.00 |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| 0 () | |
| Conformity | |

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| Installation Cable | |
|---------------------------------------------------------|---------------------------------------------------------------------------|
| Cable identification | 349 |
| Jacket Color | gray |
| Amount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | brown, black, blue, white, green-yellow |
| No. of bending cycles (C-track) | 0,1 Mio. @ 25 °C |
| Cable weigth | 59,4 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-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 | 5 |
| Outer diameter insulation | 1.45 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 85 ± 5 Shore A |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-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 |
| 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 |
| Max. rated voltage power (conductor - ground) | 300 V |
| Max. rated voltage power (conductor - conductor) | 350 V |
| AC withstand voltage power (wire - shield) | 1,5 kV @ 60 s |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| | |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Oil resistance Bending radius (fixed) | DIN EN 60811-404 Good, application-related testing 10 x Outer diameter |