

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 1.5m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

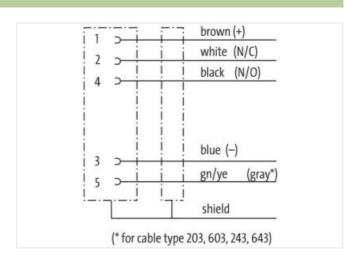
The resistance to aggressive media should be individually tested for your application. Further details on request.

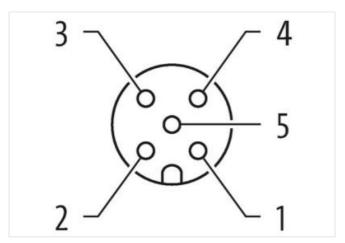
Further cable lengths on request.

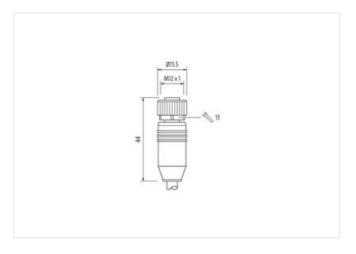
Link to Product

Illustration









Product may differ from Image













Cable length

1,5 m

Side 1

Tightening torque

0,6 Nm

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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-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 | 4048879515122 |
| 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 | |
| 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 Climati | С |
| Operating temperature min. | -25 °C |
| | |

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| lote on strain relief lote on bending radius Conformity Product standard Installation Cable | 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 endangered by excessive bending forces. |
|--|---|
| Conformity Product standard | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Product standard | |
| | |
| nstallation Cable | DIN EN 61076-2-101 (M12) |
| | |
| Cable identification | 603 |
| Cable Type | 1 |
| acket Color | black |
| Type of Certificate | cURus |
| mount stranding | 1 |
| Stranding | 5 wires around Core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| landing | Fleece, Foil |
| iller | yes |
| vire arrangement | brown, black, blue, white, gray |
| Cable weigth | 68,2 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5.6 mm |
| olerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PVC |
| mount wires | 5 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter insulation | ± 5 % |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| mount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| | · · · · · · · · · · · · · · · · · · · |
| Conductor crosssection (wire) | 0,34 mm² Strandad copper wire, bare |
| Material conductor wire Conductor type (wire) | Stranded copper wire, bare Strand class 5 |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity (standard) | 4,5 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Iominal voltage power AC max. | 300 V |
| C withstand voltage power (wire - shield) | 2 kV @ 60 s |
| Power frequency withstand voltage power wire - jacket) | 2 kV @ 60 s |
| C withstand voltage power (wire - wire) | 2 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) | 80 °C |
| IV resistance | DIN EN ISO 4892-2 A |
| lame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| hemical resistance | Good, application-related testing |
| Sasoline resistance | Good, application-related testing |
| Dil resistance | Good, application-related testing DIN EN 60811-404 |

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