

stay connected

M12 female 0° A-cod. with cable shielded

PVC 12x0.14 shielded bk 12m

Female straight M12, 12-pole shielded

with cable sleeves

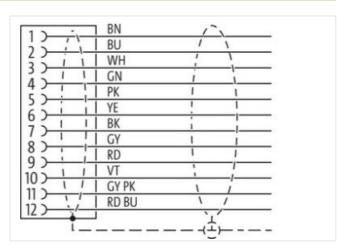
Plastic housings with good resistance against chemicals and oils.

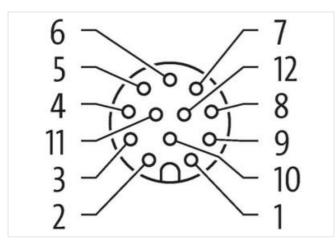
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

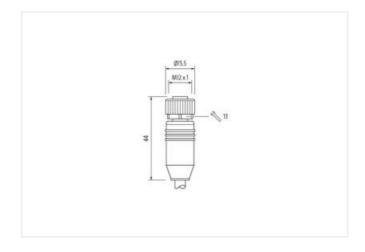
Link to Product

Illustration









Product may differ from Image











Cable length

12 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: 2024-05-22



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| Mounting method | inserted, screwed |
|--|---------------------------------------|
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR PUR |
| No. of poles | 12 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| 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 | 4048879723046 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 1,5 A |
| Installation Connection | |
| Mounting set | M12 x 1 |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 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 |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| Material screw connection | 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 |
| | |

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| Important installation natur | |
|--|---|
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| Cable identification | 148 |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 4 |
| Stranding | 2 wires twisted |
| Amount stranding (type 2) | 1 |
| Stranding (type 2) | 4 Stranded joints twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil, conductive sliding winding |
| wire arrangement | (white, blue), (white, orange), (white, green), (white, brown) |
| Cable weigth | 62,7 g/m |
| Material jacket | PUR |
| reedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 7 mm |
| Folerance outer diameter (sheath) | ±5% |
| Material wire insulation | Polyolefin |
| Amount wires | 8 |
| Outer diameter insulation | 1 mm |
| Outer diameter tolerance core insulation | ±5% |
| ngredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| Amount strands (wire) | 7 |
| Diameter of single wires | 0.16 mm |
| Conductor crosssection (wire) | 26 AWG |
| Material conductor wire | copper stranded wire, tinned |
| Nominal voltage AC max. | 125 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity (standard) | 2 A |
| Characteristic impedance | 100 Ω ± 15 % @ 1 MHz |
| Electrical resistance line constant wire | 134 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 0,75 kV @ 60 s |
| Electric capacitance | 50000 pF/km |
| AC withstand voltage (wire - shield) | 0,75 kV @ 60 s |
| Loop resistance | 5000 ΜΩ |
| Loop resistance | 290 Ω/km |
| Min. operating temperature (static) | -40 °C |
| | |
| Max. operating temperature (fixed) Operating temperature min. (dynamic) | 80 °C -10 °C |
| | |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing Good, application-related testing |
| Ganalina registance | CARROLL AND CARROLLEGISTED DECIDIO |
| Gasoline resistance | ··· |
| Gasoline resistance Dil resistance Bending radius (fixed) | Good, application-related testing DIN EN 60811-404 8 x Outer diameter |