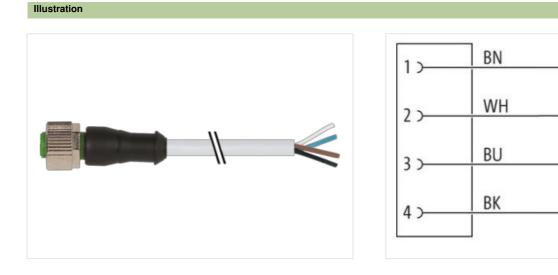


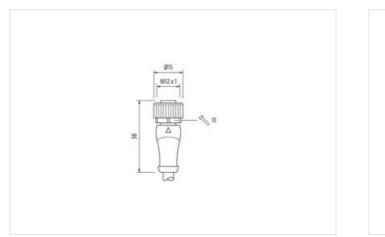
M12 female 0° A-cod. with cable

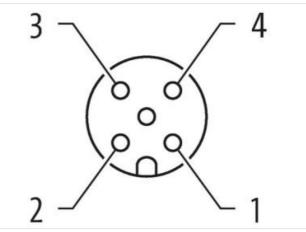
PVC 4x0.34 gy UL/CSA 0.6m

Female straight M12, 4-pole 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







Product may differ from Image



| Cable length | 0,6 m | |
|-------------------|--------|--|
| Side 1 | | |
| Tightening torque | 0,6 Nm | |

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| Mounting method | inserted, screwed |
|---|--|
| amily construction form | M12 |
| hread | M12 x 1 |
| uitable for corrugated tube (internal \emptyset) | 10 mm |
| Coding | A |
| laterial | PUR |
| Vidth across flats | SW13 |
| egree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Commercial data | |
| CLASS-6.0 | 27279218 |
| CLASS-6.1 | 27279218 |
| CLASS-7.0 | 27279218 |
| CLASS-8.0 | 27279218 |
| CLASS-9.0 | 27060311 |
| CLASS-10.1 | 27060311 |
| CLASS-11.1 | 27060311 |
| CLASS-12.0 | 27060311 |
| TIM-5.0 | EC001855 |
| ustoms tariff number | 85444290 |
| iTIN | 4048879347679 |
| ackaging unit | 1 |
| Electrical data Supply | |
| perating voltage AC max. | 250 V |
| perating voltage DC max. | 250 V |
| perating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| urrent operating per contact max. | 4 A |
| Installation Connection | |
| Nounting set | M12 x 1 |
| Device protection Electrical | |
| dditional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| lated surge voltage | 2.5 kV |
| faterial group (IEC 60664-1) | |
| Mechanical data Material data | |
| | |
| coating locking | Nickeled |
| coating of fitting | nickel plated |
| ocking material | Zinc die-casting |
| laterial screw connection | Zinc die-casting |
| Mechanical data Mounting data | |
| lounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| perating temperature min. | -25 °C |
| operating temperature max. | 85 °C |
| dditional condition temperature range | depending on cable quality |
| mportant installation notes | |
| • | Protect the connectors by suitable measures from mechanical loads a g, by the years of eable fice |
| lote 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 |
| lote on bending radius | endangered by excessive bending forces. |
| Conformity | |
| roduct standard | DIN EN 61076-2-101 (M12) |

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Installation | Cable

| Installation Cable | |
|---|--|
| Cable identification | 214 |
| Cable Type | 1 |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 4 wires twisted |
| wire arrangement | brown, black, blue, white |
| Cable weigth | 40,7 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PVC |
| Amount wires | 4 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Nominal voltage AC max. | 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 - jacket) | 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 |
| 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 (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |

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