

Cable connector, NAMUR

V1-G-N1-15M-PUR

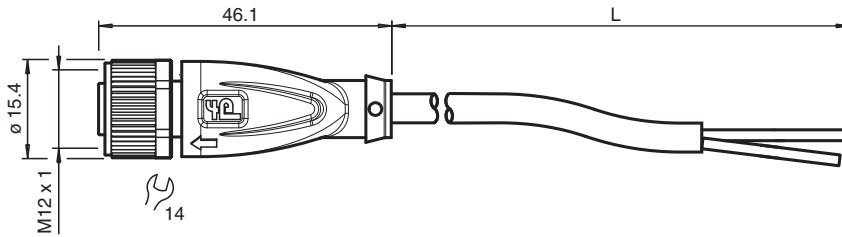


- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight A-coded, 2-pin, PUR cable blue, NAMUR



Dimensions



Technical Data

General specifications

| | |
|--------------------|------------------|
| Connector 1 | |
| Connection | socket |
| Construction type | M12 |
| Style | straight |
| Locking | screw connection |
| Number of pins | 2 |
| Coding | A-coded |
| Connector 2 | |
| Connection | cable end |

Electrical specifications

| | | |
|-----------------------------|-------|-----------------------|
| Operating voltage | U_B | max. 250 V AC/DC |
| Operating current | I_B | 4 A |
| Resistance per unit length | R' | max. 0.057 Ω/m |
| Capacitance per unit length | C' | 102.4 nF/km |
| Inductance per unit length | L' | 0.49 mH/km |

Conformity

| | |
|----------------------|-------------------------------------|
| Degree of protection | EN 60529 |
| Plug connection | connector M12 x 1 : IEC 61076-2-101 |

Ambient conditions

| | |
|----------------------------|--------------------------------|
| Ambient temperature | |
| Plug connector | -40 ... 90 °C (-40 ... 194 °F) |
| Cable, fixed | -40 ... 80 °C (-40 ... 176 °F) |
| Cable, flexing | -20 ... 80 °C (-4 ... 176 °F) |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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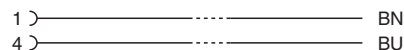
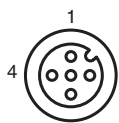
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PEPPERL+FUCHS




Technical Data

| | | |
|----------------------------------|---|---|
| Pollution degree | | 3 |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | | 0.6 Nm |
| Loosening protection | | available |
| Tool installation | | straight knurling and hexagon nut SW = 14 mm |
| Mating cycles | | min. 100 |
| Degree of protection | | IP68 / IP69 |
| Cable | | |
| Sheath diameter | | 4.8 mm |
| Bending radius | | > 15 x cable diameter, moving > 10 x cable diameter, fixed |
| Sheath color | | blue (similar to RAL 5015) |
| Number of cores | | 2 |
| Core cross section | | 0.34 mm ² |
| Cores color | | Core 1: brown Core 4: blue |
| Core construction | | 42 x 0.1 mm Ø |
| Length | L | 15 m |
| Cable code | | Li FY 11Y 2 x 0.34 |
| Material | | |
| Plug connector | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPU, black |
| Seal | | FKM |
| Contact surface | | gold plated (Au) |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PUR based on polyether |
| Core insulation | | PVC |
| Flammability | | HB |





Connection



Accessories

| | | |
|---|--------------------------|-----------------------------|
|  | MH V1-SCREWDRIVER | Torque screwdriver (0.6 Nm) |
|  | MH V1-BIT M12 | plug-in cap M12 |
|  | V1/V3-LABELHOLDER | Label holder |

Accessories

| | | |
|---|------------------------------|--|
|  | V1/V3-LABEL | Label plate |
|  | MH V1-Holder | Modular universal holder for M12 connectors |
|  | V1-CLIP | Unlocking protector for M12 connector |
|  | V1-MARKING-RING-COLOR | Marking rings for M12 connectors, various colors |