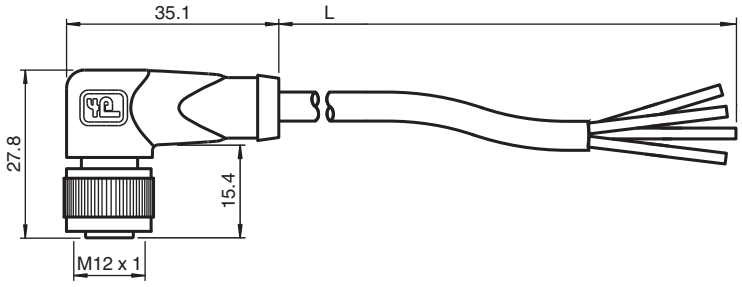
# Cable connector, NAMUR

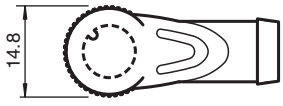
## V1-W-N4-25M-PUR

- Suitable for NAMUR technology
- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 angled A-coded, 4-pin, PUR cable blue, NAMUR

## Dimensions




## Technical Data

| | | |
|---|---|---|
| **General specifications** | | |
| Connector 1 | | |
| Connection | | socket |
| Construction type | | M12 |
| Style | | right angle |
| Locking | | screw connection |
| Number of pins | | 4 |
| 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 |
| Inductance per unit length | R' | max. 0.057 Ω/m |
| Capacitance per unit length | C' | 109 nF/km |
| Inductance per unit length | L' | 0.49 mH/km |
| **Conformity** | | |

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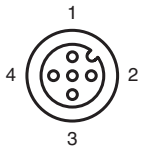
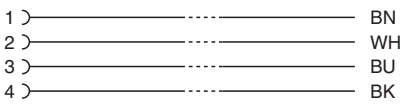
## Technical Data

| | | |
|---|---|---|
| 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 | | -30 ... 80 °C (-22 ... 176 °F) |
| Cable, flexing | | -10 ... 80 °C (14 ... 176 °F) |
| Pollution degree | | 3 |
| **Mechanical specifications** | | |
| Plug connector | | |
| Tightening torque | | 0.6 Nm |
| Loosening protection | | available |
| Tool installation | | straight knurling |
| Mating cycles | | min. 100 |
| Degree of protection | | IP67 / IP68 / IP69 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 6 |
| Sheath diameter | | 4.8 mm |
| Bending radius | | > 15 x cable diameter, moving<br>> 10 x cable diameter, fixed |
| Sheath color | | blue (similar to RAL 5015) |
| Number of cores | | 4 |
| Core cross-section | | 0.34 mm² |
| Cores color | | Core 1: brown<br>Core 2: white<br>Core 3: blue<br>Core 4: black |
| Core construction | | 42 x 0.1 mm Ø |
| Length | L | 25 m |
| Cable code | | Li FY 11Y 4 x 0.34 |
| **Material** | | |
| Plug connector | | |
| Knurled screw connection | | Zinc die-casting, nickel-plated |
| Body | | TPU, black |
| Contact surface | | Au |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PUR based on polyether |
| Core insulation | | PVC |
| Flammability | | HB |

## Connection Assignment

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