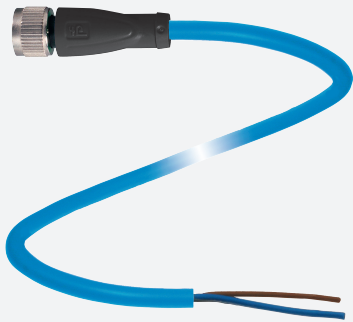




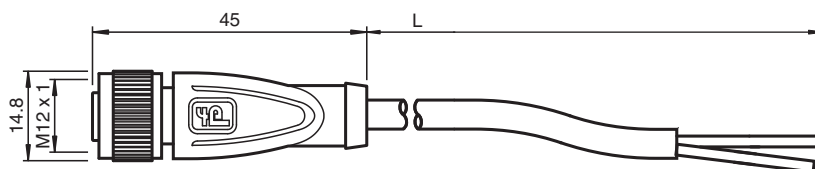
## Cable connector, NAMUR V1-G-N-15M-PUR

- Suitable for NAMUR technology
- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014

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                    |
| Inductance per unit length  | $R'$  | max. 0.057 $\Omega$ /m |
| Capacitance per unit length | $C'$  | 102.4 nF/km            |
| Inductance per unit length  | $L'$  | 0.49 mH/km             |

#### Conformity

Release date: 2020-09-23 Date of issue: 2020-09-23 Filename: 038249\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

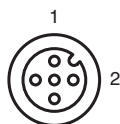
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

**PEPPERL+FUCHS**

## Technical Data

|                                  |          |                                                               |
|----------------------------------|----------|---------------------------------------------------------------|
| Degree of protection             | EN 60529 |                                                               |
| Plug connection                  |          | connector M12 x 1 : IEC 61076-2-101                           |
| <b>Ambient conditions</b>        |          |                                                               |
| 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)                                 |
| Pollution degree                 |          | 3                                                             |
| <b>Mechanical specifications</b> |          |                                                               |
| 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                  |          | 2                                                             |
| Core cross-section               |          | 0.34 mm <sup>2</sup>                                          |
| Cores color                      |          | Core 1: brown<br>Core 2: blue                                 |
| Core construction                |          | 42 x 0.1 mm Ø                                                 |
| Length                           | L        | 15 m                                                          |
| Cable code                       |          | Li FY 11Y 2 x 0.34                                            |
| <b>Material</b>                  |          |                                                               |
| 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



1 ) ..... BN  
2 ) ..... BU