

### Model Number

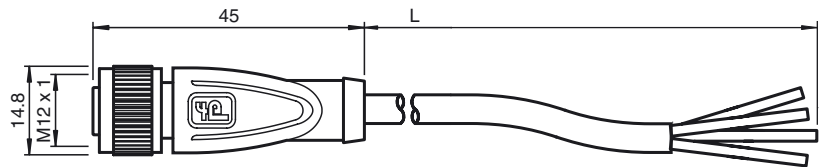
#### V1-G-N4-5M-PVC

Female cordset, M12, 4-pin, NAMUR, PVC cable

### Features

- Suitable for NAMUR technology
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Blue sheath

### Dimensions



### Technical data

#### General specifications

|                |   |
|----------------|---|
| Number of pins | 4 |
|----------------|---|

#### Electrical specifications

|                    |       |                 |
|--------------------|-------|-----------------|
| Operating voltage  | $U_B$ | max. 250 V DC   |
| Operating current  | $I_B$ | max. 4 A        |
| Contact resistance |       | < 10 m $\Omega$ |
| Inductance         |       | 0.55 mH / km    |
| Capacitance        |       | 88.3 nF / km    |

#### Ambient conditions

|                     |                                      |
|---------------------|--------------------------------------|
| Ambient temperature | Cable: -20 ... 70 °C (-4 ... 158 °F) |
| Pollution degree    | 3                                    |

#### Mechanical specifications

|                        |   |
|------------------------|---|
| Contact elements       | spring-loaded contact socket                                  |
| Pin diameter           | 1 mm  |
| Degree of protection   | IP67 / IP68 / IP69k   |
| Cable code             | Li YY 4 x 0.34  |
| Material               |   |
| Contacts               | CuSn / Au   |
| Contact surface        | Au  |
| Body                   | TPU, black  |
| Cable                  | PVC   |
| Slotted nut            | Diecast zinc  |
| Core insulation        | PVC   |
| Cable                  | fine-strand, flexible   |
| Sheath diameter        | $\varnothing$ 4.8 mm  |
| Bending radius         | > 10 x cable diameter, fixed<br>> 15 x cable diameter, moving |
| Color                  | blue  |
| Cores                  | 4 x 0.34 mm <sup>2</sup>                                      |
| Conductor construction | 19 x 0.15 mm $\varnothing$                                    |
| Length                 | L 5 m   |
| Flammability           |   |
| Contact carrier        | 94 HB   |
| Housing                | 94 V-2  |

#### Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-101:2008 |
| Flammability         | Grip: UL 94          |

### Electrical connection

