



Model Number

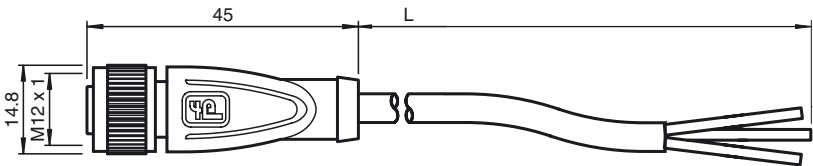
V11-G-3M-PVC

Female cordset, M12, 3-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2- and 3-wire technology

Dimensions



Technical data

General specifications

|                     |           |
|---------------------|-----------|
| Number of pins      | 3         |
| Connection 1        | socket    |
| Construction type 1 | straight  |
| Threading 1         | M12       |
| Connection 2        | cable end |

Electrical specifications

|                   |                |                            |
|-------------------|----------------|----------------------------|
| Operating voltage | U <sub>B</sub> | max. 250 V AC/DC           |
| Test voltage      |                | > 1500 V <sub>eff</sub> AC |
| Operating current |                | max. 4 A                   |
| Volume resistance |                | < 5 mΩ                     |

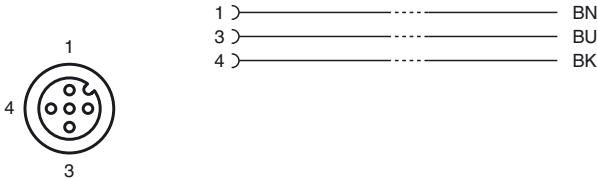
Ambient conditions

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F)<br>For temperatures over 80 °C (176 °F) reduced elongation at rupture |
| Pollution Degree    | 3                                                                                                     |

Mechanical specifications

|                        |                               |
|------------------------|-------------------------------|
| Contact elements       | spring-loaded contact socket  |
| Pin diameter           | 1 mm                          |
| Degree of protection   | IP67 / IP68 / IP69k           |
| 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        | Ø 4.8 mm                      |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | grey                          |
| Cores                  | 3 x 0.34 mm <sup>2</sup>      |
| Conductor construction | 19 x 0.15 mm Ø                |
| Length                 | L 3 m                         |

Electrical connection



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