

### Model Number

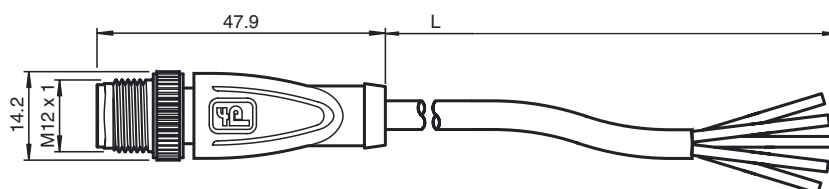
**V15S-G-10M-PVC**

Cable connector, M12, 5-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

### Dimensions



### Technical data

#### General specifications

|                     |                |
|---------------------|----------------|
| Number of pins      | 5              |
| Connection 1        | Male connector |
| Construction type 1 | straight       |
| Threading 1         | M12            |
| Connection 2        | cable end      |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 60 V 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 tear |
| 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, green                    |
| Cable                  | PVC                           |
| Sleeve connector       | Diecast zinc                  |
| Core insulation        | PVC                           |
| Cable                  |                               |
| Sheath diameter        | Ø4.8 mm                       |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | grey                          |
| Cores                  | 5 x 0.34 mm <sup>2</sup>      |
| Conductor construction | 19 x 0.15 mm Ø                |
| Length                 | L 10 m                        |
| Flammability           |                               |
| Contact material       | 94 V-2                        |
| Housing                | 94 V-2                        |

### Electrical connection

