

### Model Number

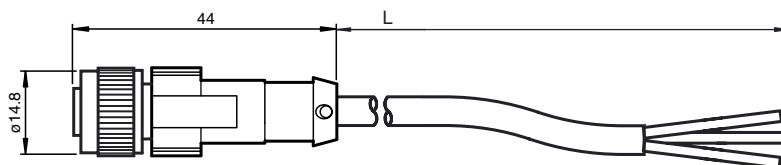
#### V12-G-YE5M-PVC

Connecting cable, 1/2" - 20 UNF, 3-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP68/IP69K

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 3                |
| Connection 1        | female connector |
| Construction type 1 | straight         |
| Threading 1         | 1/2"             |
| Connection 2        | cable end        |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 300 V DC              |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 4 A                   |
| Volume resistance |       | < 5 mΩ                     |

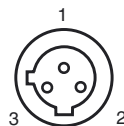
#### Ambient conditions

|                     |                                 |
|---------------------|---------------------------------|
| Ambient temperature | -25 ... 105 °C (-13 ... 221 °F) |
| Pollution Degree    | 3                               |

#### Mechanical specifications

|                   |                           |
|-------------------|---------------------------|
| Pin diameter      | 1 mm                      |
| Protection degree | IP68 / IP69K              |
| Material          |                           |
| Contacts          | CuSn / Au                 |
| Contact surface   | Ni/Au                     |
| Body              | TPU , yellow              |
| Cable             | PVC                       |
| Slotted nut       | brass, nickel-plated      |
| Core insulation   | PVC                       |
| Cable             | fine-strand, flexible     |
| Sheath diameter   | Ø5.2 mm                   |
| Bending radius    | 10 x cable Diameter:      |
| Color             | yellow                    |
| Cores             | 3 x 0.34 mm <sup>2</sup>  |
| Length            | L 5 m                     |
| Flammability      |                           |
| Contact material  | 94 V-2                    |
| Housing           | 94 V-2                    |
| Wire              | VW-1 flame rating from UL |

### Electrical connection



|   |       |       |
|---|-------|-------|
| 1 | ..... | GN    |
| 2 | ..... | RD/BK |
| 3 | ..... | RD/WH |