



### Model Number

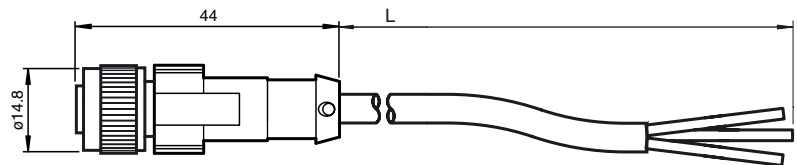
#### V12-G-YE25M-PVC-18

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
- Suitable for 2-, 3- and 4-wire technology

### 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                     |

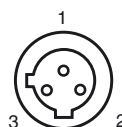
#### Ambient conditions

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Ambient temperature | -25 ... 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                                                   |
| Protection degree      | IP68 / IP69K                                           |
| Material               |                                                        |
| Contacts               | CuSn / Au                                              |
| Contact surface        | Au                                                     |
| Body                   | TPU , yellow                                           |
| Cable                  | PVC                                                    |
| Slotted nut            | Diecast zinc                                           |
| Core isolation         | PVC                                                    |
| Cable                  | fine-strand, flexible                                  |
| Sheath diameter        | Ø5.9 mm                                                |
| Bending radius         | > 10 x cable diameter, appropriate for conveyor chains |
| Color                  | yellow                                                 |
| Cores                  | 3 x 0.75 mm <sup>2</sup>                               |
| Conductor construction | 42 x 0.15 mm                                           |
| Length                 | L 25 m                                                 |

### Electrical connection



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