



### Model Number

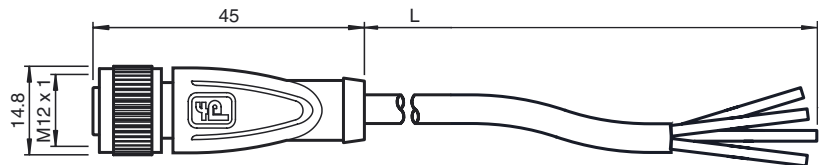
**V1-G-YE20M-PVC-U**

Female cordset, M12, 4-pin, PVC cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Flame resistant cable

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 4                |
| Connection 1        | female connector |
| Construction type 1 | straight         |
| Threading 1         | M12              |
| Connection 2        | cable end        |
| UL File Number      | E231213          |

#### Electrical specifications

|                   |       |                  |
|-------------------|-------|------------------|
| Operating voltage | $U_B$ | max. 250 V AC/DC |
| Operating current |       | max. 4 A         |
| Volume resistance |       | < 5 m $\Omega$   |

#### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -25 ... 80 °C (-13 ... 176 °F)<br>cable, flexing: -5 ... 80 °C (23 ... 176 °F) |
| Pollution Degree    | 3  |

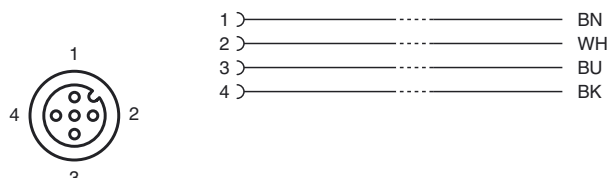
#### Mechanical specifications

|                        |   |
|------------------------|---|
| Contact elements       | spring-loaded contact socket                                  |
| Pin diameter           | 1 mm  |
| Protection degree      | 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 4.3 mm  |
| Bending radius         | > 15 x cable diameter, induced<br>> 5 x cable diameter, fixed |
| Color                  | yellow  |
| Cores                  | 4 x 0.34 mm <sup>2</sup>                                      |
| Conductor construction | 19 x 0.15 mm Ø  |
| Length                 | L 20 m  |
| Flammability           |   |
| Contact material       | HB  |
| Housing                | V-2   |
| Cable                  | FT1   |

#### Compliance with standards and directives

|                     |                      |
|---------------------|----------------------|
| Standard conformity |                      |
| Protection degree   | EN 60529:2000        |
| Standards           | IEC 61076-2-101:2008 |

### Electrical connection





Flammability

Body: UL 94  
Line: UL 1581 Section 1061; IEC 60332-1-2:2004

**Approvals and certificates**

UL approval cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable)

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