



**Model Number**

**V11-W-20M-PUR**

Female cordset, M12

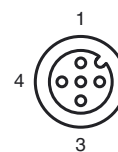
**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free

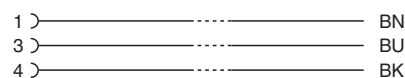
**Technical data**

|   |                |   |
|---|----------------|---|
| <b>General specifications</b>                   |                |   |
| Number of pins                                  |                | 3   |
| Connection 1                                    |                | socket  |
| Construction type 1                             |                | right angle   |
| Threading 1                                     |                | M12   |
| Connection 2                                    |                | cable end   |
| <b>Electrical specifications</b>                |                |   |
| Operating voltage                               | U <sub>B</sub> | max. 250 V AC/DC  |
| Operating current                               |                | max. 4 A  |
| Contact resistance                              |                | < 10 mΩ   |
| <b>Ambient conditions</b>                       |                |   |
| Ambient temperature                             |                | -25 ... 100 °C (-13 ... 212 °F)<br>For temperatures over 80 °C (176 °F) reduced elongation at rupture |
| Pollution Degree                                |                | 3   |
| <b>Mechanical specifications</b>                |                |   |
| Contact elements                                |                | spring-loaded contact socket  |
| Pin diameter                                    |                | 1 mm  |
| Degree of protection                            |                | IP67 / IP68 / IP69k   |
| <b>Material</b>                                 |                |   |
| Contacts  |                | CuSn / Au   |
| Contact surface                                 |                | Au  |
| Body  |                | TPU, black  |
| Cable   |                | PUR   |
| Slotted nut                                     |                | Diecast zinc  |
| Core insulation                                 |                | PP  |
| 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              | 20 m  |
| <b>Flammability</b>                             |                |   |
| Contact material                                |                | 94 HB   |
| Housing   |                | 94 V-2  |
| <b>Compliance with standards and directives</b> |                |   |
| Standard conformity                             |                |   |
| Degree of protection                            |                | EN 60529:2000   |
| Standards                                       |                | IEC 61076-2-101:2008  |
| Flammability                                    |                | Grip: UL 94   |

**Electrical connection**



**Electrical connection**



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