



### Model Number

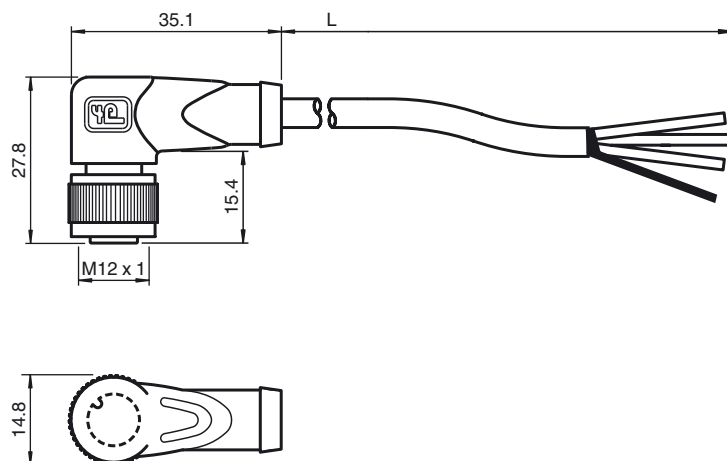
#### V11-W-BK25M-PUR-ABG

Female cordset, M12, 3-pin, shielded, PUR 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
- Halogen-free

### Dimensions



### Technical data

#### General specifications

|                     |            |
|---------------------|------------|
| Number of pins      | 3 + shield |
| Connection 1        | socket     |
| Construction type 1 | straight   |
| Threading 1         | M12        |
| Connection 2        | cable end  |

#### Electrical specifications

|                    |       |                  |
|--------------------|-------|------------------|
| Operating voltage  | $U_B$ | max. 250 V AC/DC |
| Operating current  | $I_B$ | max. 4 A         |
| Contact resistance |       | < 10 mΩ          |

#### Ambient conditions

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, flexing: -25 ... 80 °C (-13 ... 176 °F)<br>cable, fixed: -25 ... 80 °C (-13 ... 176 °F) |
| 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, black                    |      |
| Cable                  | PUR                           |      |
| Slotted nut            | Diecast zinc                  |      |
| Core insulation        | PVC                           |      |
| Cable                  | fine-strand, flexible         |      |
| Sheath diameter        | Ø 5 mm                        |      |
| Bending radius         | > 10 x cable diameter, moving |      |
| Color                  | black                         |      |
| Cores                  | 3 x 0.34 mm <sup>2</sup>      |      |
| Conductor construction | 19 x 0.16 mm Ø                |      |
| Shield                 | grid covering 80 %            |      |
| Length                 | L                             | 25 m |
| Flammability           |                               |      |
| Contact carrier        | 94 HB                         |      |
| Housing                | 94 V-2                        |      |

#### Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-101:2008 |
| Flammability         | Grip: UL 94          |

### Electrical connection

