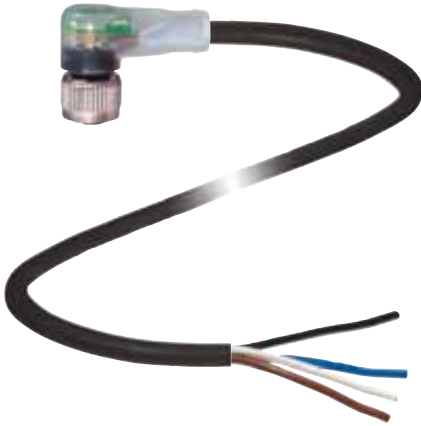




### Model Number

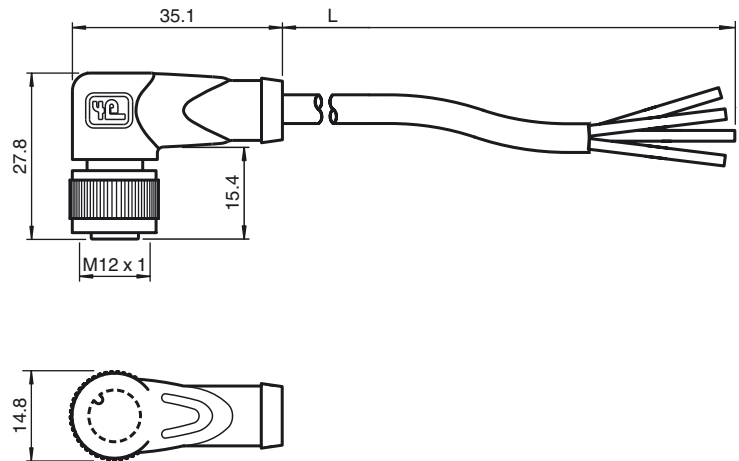
#### V1-W-A2-BK10M-PUR-U

Cable socket, M12, LED, 4-pin, PUR cable

### Features

- UL Recognized Component
- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Does not give off silicone

### Dimensions



### Technical data

#### General specifications

|                |         |
|----------------|---------|
| Number of pins | 4       |
| UL File Number | E231213 |

#### Indicators/operating means

|            |                               |
|------------|-------------------------------|
| LED green  | Operating display             |
| LED yellow | Functional display NO contact |

#### Electrical specifications

|                    |       |                        |
|--------------------|-------|------------------------|
| Operating voltage  | $U_B$ | max. 24 V DC $\pm$ 15% |
| Operating current  | $I_B$ | max. 4 A               |
| Contact resistance |       | < 10 m $\Omega$        |

#### Ambient conditions

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| Ambient temperature | cable, fixed: -40 ... 80 °C (-40 ... 176 °F)<br>cable, flexing: -20 ... 80 °C (-4 ... 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, transparent              |
| Cable                  | PUR                           |
| Slotted nut            | Diecast zinc                  |
| Core insulation        | PP                            |
| Cable                  | extra-fine wire, flexible     |
| Sheath diameter        | $\varnothing$ 4.3 mm          |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | black                         |
| Cores                  | 4 x 0.34 mm <sup>2</sup>      |
| Conductor construction | 42 x 0.1 mm $\varnothing$     |
| Length                 | L 10 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 |

#### Approvals and certificates

|             |                                                    |
|-------------|----------------------------------------------------|
| UL approval | cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable) |
|-------------|----------------------------------------------------|

### Electrical connection

