



Model Number

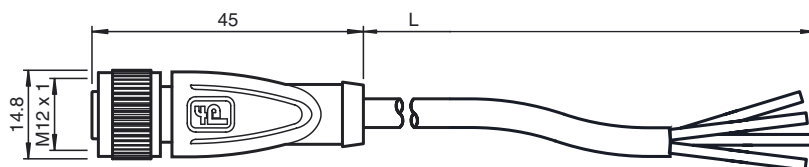
V1-G-A2-BK2M-PUR-U

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

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 4 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |
| 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 | | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 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, 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 ² |
| Conductor construction | 42 x 0.1 mm \varnothing |
| Length | L 2 m |

Flammability

| | |
|------------------|--------|
| Contact material | 94 HB |
| Housing | 94 V-2 |

Approvals and certificates

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

Electrical connection

