

## Model Number

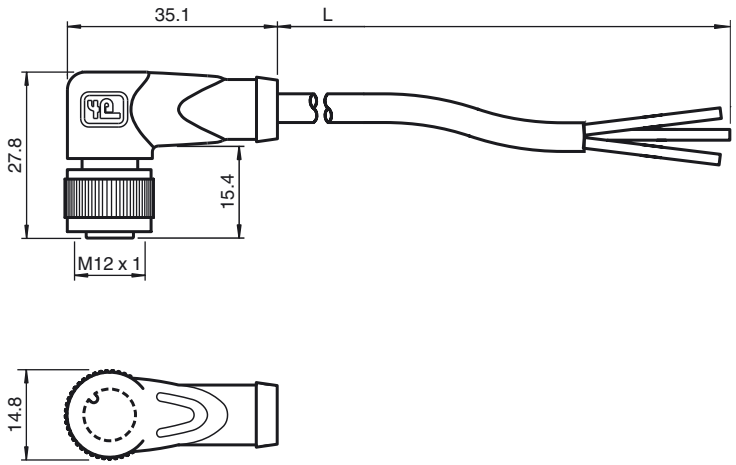
**V1-W-E0-YE5M-PVC-U**

Cable socket, M12, LED, 3-pin, PVC cable

## Features

- Built-in LED, as operating and function indicator
- NPN version
- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K
- Flame resistant cable

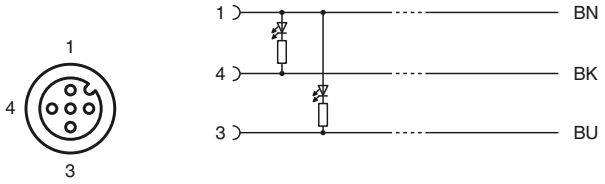
## Dimensions




## Technical data

| | | |
|---|---|---|
| **General specifications** | | |
| Number of pins | | 3 |
| UL File Number | | E231213 |
| **Indicators/operating means** | | |
| LED yellow | | Functional display NO |
| **Electrical specifications** | | |
| Operating voltage | $U_B$ | max. 24 V DC ± 15% |
| 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: -5 ... 80 °C (23 ... 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 | | PVC |
| Slotted nut | | Diecast zinc |
| Core insolation | | PVC |
| Cable | | fine-strand, flexible |
| Sheath diameter | | Ø 4.3 mm |
| Bending radius | | > 15 x cable diameter, moving<br>> 5 x cable diameter, fixed |
| Color | | yellow |
| Cores | | 3 x 0.34 mm$^2$ |
| Conductor construction | | 19 x 0.15 mm Ø |
| Length | L | 5 m |
| Flammability | | |
| Contact carrier | | 94 HB |
| Housing | | 94 V-2 |
| Cable | | FT1 |
| **Compliance with standards and directives** | | |
| Standard conformity | | |
| Degree of protection | | EN 60529:2000 |
| Standards | | IEC 61076-2-101:2008 |
| Flammability | | Body: UL 94<br>Line: UL 1581 Section 1061; IEC 60332-1-2:2004 |

## Electrical connection




Release date: 2017-01-20 13:16 Date of issue: 2017-01-20 456413_eng.xml

**Approvals and certificates**

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

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Refer to “General Notes Relating to Pepperl+Fuchs Product Information”.
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