



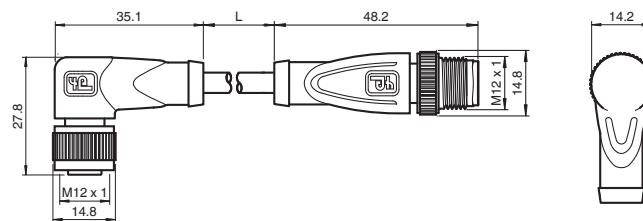
Features

- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts
- Degree of protection: IP67 / IP68 / IP69K

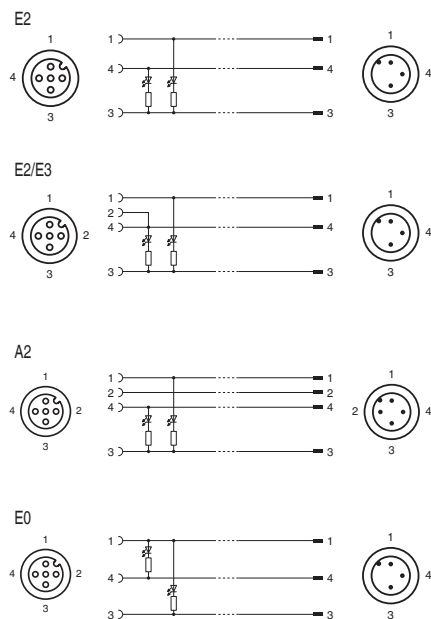
Technical data

| | | | |
|---|--|--------------------------------|-----------------------------|
| Number of pins | 3 (E2, E0) | 4 (E2/E3) | 4 (A2) |
| Display/controls | | | |
| Green LED | Operating display | | |
| Yellow LED | NO contact function display | NO/NC contact function display | NO contact function display |
| Electrical data | | | |
| 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 for body Information on cable quality can be found beginning on page 10 | | |
| Mechanical data | | | |
| Contact elements | Spring-loaded contact sockets | | |
| Pin diameter | 1 mm | | |
| Degree of protection | IP67 / IP68 / IP69K | | |
| Materials | | | |
| Contacts | CuSn / Au | | |
| Contact surface | Au | | |
| Body | TPU, transparent/black | | |
| Coupling nut | Die-cast zinc | | |
| Push-on sleeve | Die-cast zinc | | |
| Approvals and certificates of compliance | | | |
| UL file number | E231213 The use of UL-approved cable is a prerequisite for UL approval | | |

Dimensions



Electrical connection



Order codes

Cable lengths in m
0.3 to 50

V 1 - W - - M - - V 1 - G

| | | | | | | |
|-----------|---|-------|---|---|---|---|
| - PVC | PVC, gray (0.34 mm ²) | E2 | ○ | ○ | ○ | ○ |
| BK PVC-U | PVC, UL-approved, black (0.34 mm ²) | E2/E3 | ○ | ○ | ○ | ○ |
| YE PVC-U | PVC, UL-approved, yellow (0.34 mm ²) | A2 | ○ | ○ | ○ | ● |
| - PUR | PUR, halogen-free, gray (0.34 mm ²) | E0 | ● | ● | ● | ○ |
| BK PUR-U | PUR, halogen-free, shielded, UL-approved, black (0.34 mm ²) | | ○ | ○ | ○ | ○ |
| YE PUR-U | PUR, halogen-free, UL-approved, yellow (0.34 mm ²) | | ○ | ○ | ○ | ○ |
| - PUR H/S | PUR, halogen-free, irradiated, orange (0.34 mm ²) | | - | ○ | ○ | ○ |
| OR POC | POC, weld-spatter resistant, orange (0.34 mm ²) | | - | ○ | ○ | ○ |

● Standard, cable lengths of 0.6 m, 1 m and 2 m available in stock
○ Available, minimum order quantity applies in some cases
- Not available

Number of pins
E2 3-pin
E2/E3 4-pin (2+4 bridged)
A2 4-pin
E0 3-pin (NPN)