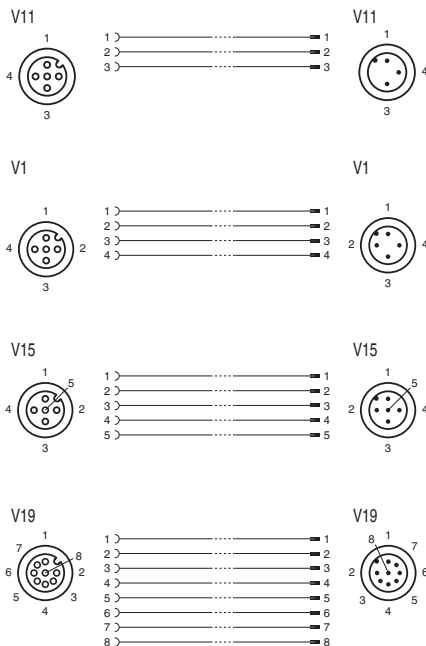




## Features

- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts
- Degree of protection: IP67 / IP68 / IP69K

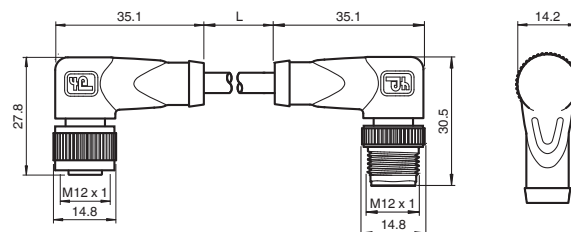
## Electrical connection



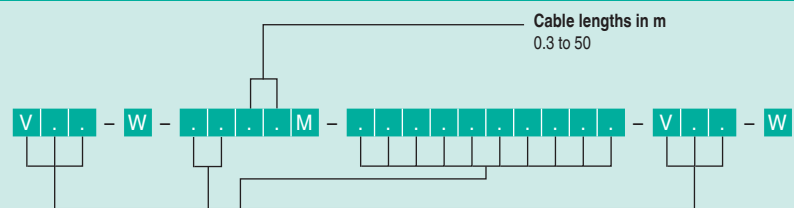
## Technical data

| Number of pins                           | 3                                                                                        | 4 | 5               | 8               |
|------------------------------------------|------------------------------------------------------------------------------------------|---|-----------------|-----------------|
| Electrical data                          |                                                                                          |   |                 |                 |
| Operating voltage $U_B$                  | Max. 250 V AC/DC                                                                         |   | Max. 60 V AC/DC | Max. 30 V AC/DC |
| Testing voltage                          | $> 1500 V_{eff}$ AC                                                                      |   |                 |                 |
| Operating current                        | Max. 4 A                                                                                 |   |                 | Max. 2 A        |
| Volume resistance                        | $< 5 m\Omega$                                                                            |   |                 |                 |
| Ambient conditions                       |                                                                                          |   |                 |                 |
| Ambient temperature                      | -40 ... 90 °C for body<br>Information on cable quality can be found beginning on page 10 |   |                 |                 |
| Degree of pollution                      | 3                                                                                        |   |                 |                 |
| 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, black                                                                               |   |                 |                 |
| Coupling nut                             | Die-cast zinc                                                                            |   |                 |                 |
| Push-on sleeve                           | Die-cast zinc                                                                            |   |                 |                 |
| Approvals and certificates of compliance |                                                                                          |   |                 |                 |
| UL file number                           | E231213<br>The use of UL-approved cable is a prerequisite for UL approval.               |   |                 |                 |

## Dimensions



## Order codes



|               | Cable quality                                                  |
|---------------|----------------------------------------------------------------|
| - PVC         | PVC, gray (0.34 mm <sup>2</sup> )                              |
| BK PVC-U      | PVC, UL-approved, black (0.34 mm <sup>2</sup> )                |
| YE PVC-U      | PVC, UL-approved, yellow (0.34 mm <sup>2</sup> )               |
| - PUR         | PUR, halogen-free, gray (0.34 mm <sup>2</sup> )                |
| BK PUR-U      | PUR, halogen-free, UL-approved, black (0.34 mm <sup>2</sup> )  |
| YE PUR-U      | PUR, halogen-free, UL-approved, yellow (0.34 mm <sup>2</sup> ) |
| BK PUR-U      | PUR, halogen-free, UL-approved, black (0.25 mm <sup>2</sup> )  |
| BK PUR-U/0.75 | PUR, halogen-free, UL-approved, black (0.75 mm <sup>2</sup> )  |
| - PUR H/S     | PUR, halogen-free, irradiated, orange (0.34 mm <sup>2</sup> )  |
| OR POC        | POC, weld-spatter resistant, orange (0.34 mm <sup>2</sup> )    |

| V11 | V1 | V15 | V19 |
|-----|----|-----|-----|
| ○   | ○  | ○   | —   |
| ○   | ○  | —   | —   |
| ○   | ○  | —   | —   |
| ●   | ●  | ●   | —   |
| ○   | ○  | —   | —   |
| ○   | ○  | —   | —   |
| —   | —  | —   | ●   |
| —   | —  | ○   | —   |
| —   | ○  | —   | —   |
| —   | ○  | —   | —   |

- 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 |
|-----|----------------|
| V11 | 3-pin          |
| V1  | 4-pin          |
| V15 | 5-pin          |
| V19 | 8-pin          |