



**Features**

- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts

| Technical data          |  |              |              |                |
|-------------------------|--|--------------|--------------|----------------|
| Number of pins          | 4  | 5            | 8            | 7 + 1 x shield |
| Electrical data         |  |              |              |                |
| Operating voltage $U_b$ | Max. 250 V DC  | Max. 60 V DC | Max. 30 V DC |                |
| Operating current       | Max. 4 A   |              | Max. 2 A     |                |
| Volume resistance       | < 5 mΩ   |              |              |                |
| 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  |              |              |                |
| Degree of protection    | IP67   |              |              |                |
| Material                |  |              |              |                |
| Contacts                | CuSn / Au  |              |              |                |
| Contact surface         | Au   |              |              |                |
| Body                    | TPU, black   |              |              |                |
| Coupling nut            | Die-cast zinc  |              |              |                |
| Shield                  | Braided  |              |              |                |

Sensor-actuator cable

Field-attachable connectors

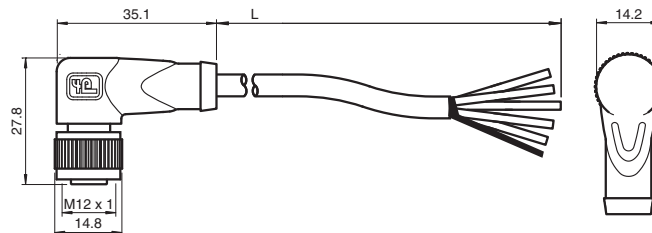
Junction blocks

Sensor-actuator splitters

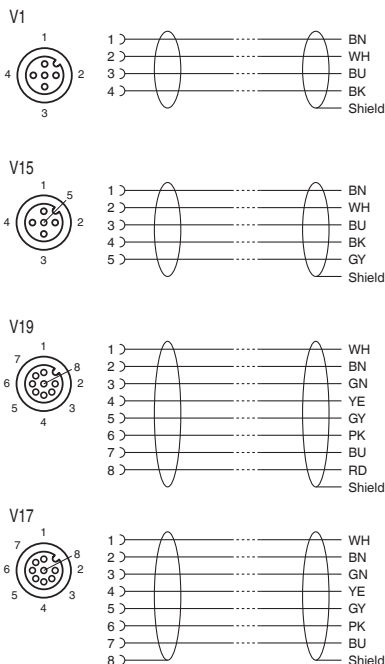
Sensor-actuator receptacles

Data connectors

**Dimensions**



**Electrical connection**



**Order codes**

**Cable lengths in m**  
0.3 to 50

**Cable quality**

- PUR-ABG PUR, halogen-free, shielded, gray (0.34 mm<sup>2</sup>)
- BK PUR-U/ABG PUR, halogen-free, shielded, UL-approved, black (0.25mm<sup>2</sup>)

● Standard, cable lengths of 2 m, 5 m and 10 m available in stock  
 ○ Available, minimum order quantity applies in some cases  
 - Not available

**Number of pins**

- V1 4-pin
- V15 5-pin
- V19 8-pin
- V17 7-pin + 1 x shield

**Legend:**

|    |     |     |     |
|----|-----|-----|-----|
| V1 | V15 | V19 | V17 |
| ●  | ●   | -   | -   |
| -  | -   | ●   | ●   |