



**Features**

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

**Technical data**

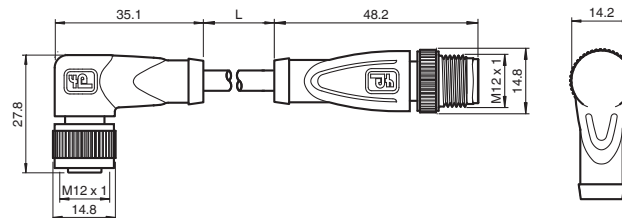
Number of pins	3	4	5	8
<b>Electrical data</b>				
Operating voltage $U_b$	Max. 250 V AC/DC		Max. 60 V AC/DC	Max. 30 V AC/DC
Testing voltage	> 1500 $V_{eff}$ AC			
Operating current	Max. 4 A			Max. 2 A
Volume resistance	< 5 m $\Omega$			
<b>Ambient conditions</b>				
Ambient temperature	-40 ... 90 °C for body Information on cable quality can be found beginning on page 10			
Degree of pollution	3			
<b>Mechanical data</b>				
Contact elements	Spring-loaded contact sockets			
Pin diameter	1 mm			
Degree of protection	IP67 / IP68 / IP69K			
<b>Materials</b>				
Contacts	CuSn / Au			
Contact surface	Au			
Body	TPU, black			
Coupling nut	Die-cast zinc			
Push-on sleeve	Die-cast zinc			
<b>Approvals and certificates of compliance</b>				
UL file number	E231213 The use of UL-approved cable is a prerequisite for UL approval.			

Sensor-actuator cable

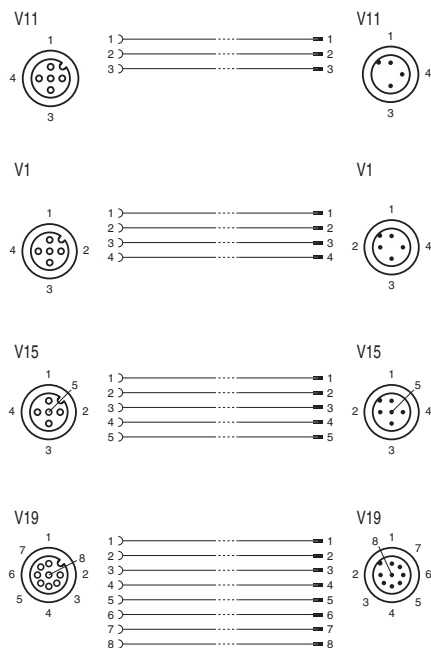
Field-attachable connectors

Junction blocks

**Dimensions**



**Electrical connection**



**Order codes**

Cable lengths in m  
0.3 to 50

V . . - W - . . . M - . . . . . - V . . - G

- PVC	PVC, gray (0.34 mm <sup>2</sup> )	V11	V1	V15	V19
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> )	-	○	-	-

● 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

Sensor-actuator splitters

Sensor-actuator receptacles

Data connectors