

Sensor-actuator cable



Field-attachable connectors

Junction blocks

Sensor-actuator splitters

Sensor-actuator receptacles

Data connectors

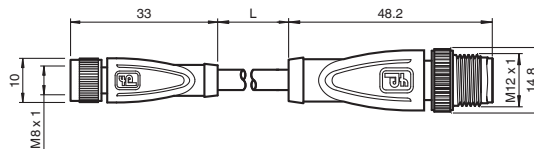
**Features**

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

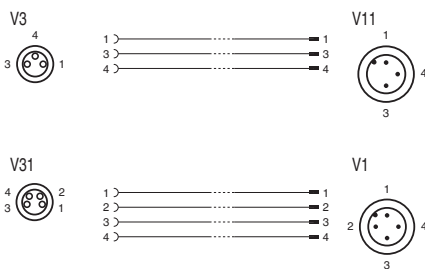
**Technical data**

Number of pins	3	4
<b>Electrical data</b>		
Operating voltage $U_B$	Max. 60 V AC/DC	Max. 30 V AC/DC
Testing voltage	> 1500 $V_{eff}$ AC	
Operating current	Max. 3 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	

**Dimensions**



**Electrical connection**



**Order codes**

Cable lengths in m  
0.3 to 50

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

**Cable quality**

- PVC	PVC, gray (0.25 mm <sup>2</sup> )	V3-V11	V31-V1
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 (0.25 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> )	○	○

● 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**

V3	V11	3-pin
V31	V1	4-pin