

Sensor-actuator cable



Field-attachable connectors

**Features**

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

Junction blocks

Sensor-actuator splitters

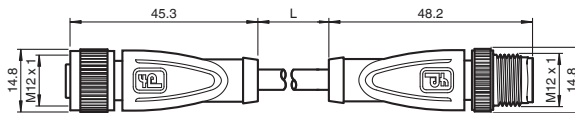
Sensor-actuator receptacles

Data connectors

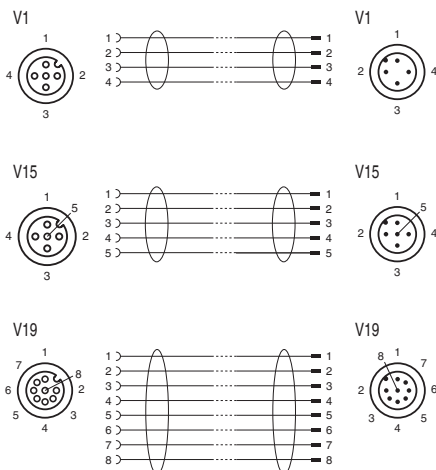
**Technical data**

Number of pins	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 <sub>eff</sub> AC		
Operating current	Max. 4 A		Max. 2 A
Volume resistance	< 5 mΩ		
<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		
<b>Materials</b>			
Contacts	CuSn / Au		
Contact surface	Au		
Body	TPU, black		
Coupling nut	Die-cast zinc		
Push-on sleeve	Die-cast zinc		
Shield	Braided		

**Dimensions**



**Electrical connection**



**Order codes**

Cable lengths in m  
0.3 to 50

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

**Cable quality**

BK	PUR-U/ABG	PUR, halogen-free, shielded, UL-approved, black (0.25 mm <sup>2</sup> )	V1	V15	V19
-	PUR-ABG	PUR, halogen-free, shielded, gray (0.34 mm <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