

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

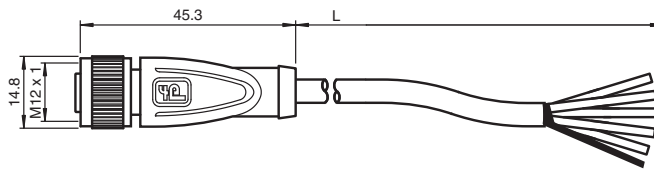
Sensor-actuator splitters

Sensor-actuator receptacles

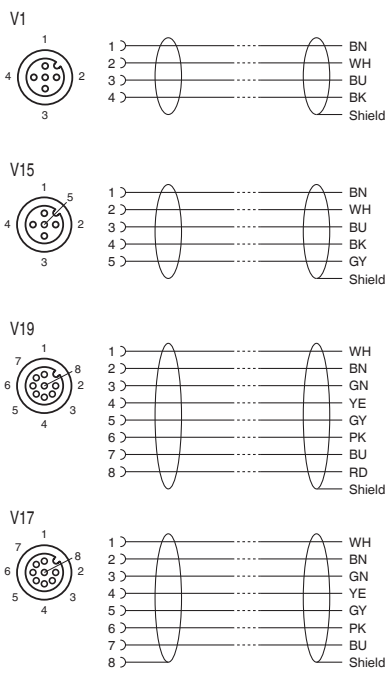
Data connectors

Technical data				
Number of pins	4	5	8	7 + 1 x shield
Electrical data				
Operating voltage U <sub>B</sub>	Max. 250 V AC/DC	Max. 60 V AC/DC	Max. 30 V AC/DC	
Operating current	Max. 4 A		Max. 2 A	
Volume resistance	< 5 mΩ			
Ambient conditions				
Ambient temperature	-40 ... 90 °C for body 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			

**Dimensions**



**Electrical connection**



**Order codes**

**Cable lengths in m**  
0.3 to 50

**Order code structure:** V . . - G - . . . M - . . . . .

**Cable quality**

- PUR-ABG	PUR, halogen-free, shielded, gray (0.34 mm <sup>2</sup> )	V1	V15	V19	V17
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