

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

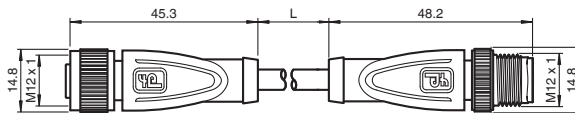
Sensor-actuator receptacles

Data connectors

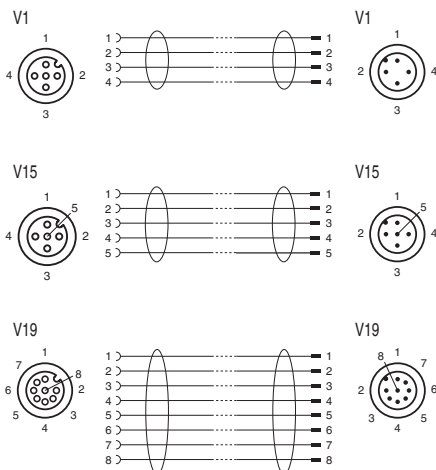
Technical data

Number of pins	4	5	8
Electrical data			
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 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		
Pin diameter	1 mm		
Degree of protection	IP67		
Materials			
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 ²)	V1	V15	V19
-	PUR-ABG	PUR, halogen-free, shielded, gray (0.34 mm ²)	-	-	●
			●	●	-

● 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