

Sensor-actuator cable



Field-attachable connectors



Features

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

Junction blocks

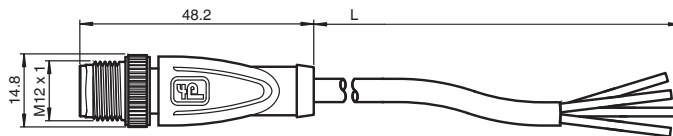
Sensor-actuator splitters

Sensor-actuator receptacles

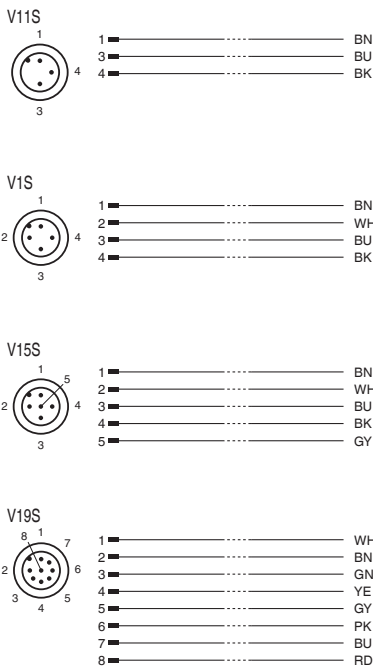
Data connectors

Technical data				
Number of pins	3	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 m Ω			
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				
Pin diameter	1 mm			
Degree of protection	IP67 / IP68 / IP69K			
Materials				
Contacts	CuSn / Au			
Contact surface	Au			
Body	TPU, black			
Coupling nut	Die-cast zinc			
Approvals and certificates of compliance				
UL file number	E231213 The use of UL-approved cable is a prerequisite for UL approval			

Dimensions



Electrical connection



Order codes

V . . S - G - M -

Number of pins
V11S 3-pin
V1S 4-pin
V15S 5-pin
V19S 8-pin

Cable quality

- PVC: PVC, gray (0.34 mm²)
- BK PVC-U**: PVC, UL-approved, black (0.34 mm²)
- YE PVC-U**: PVC, UL-approved, yellow (0.34 mm²)
- PUR: PUR, halogen-free, gray (0.34 mm²)
- BK PUR-U**: PUR, halogen-free, UL-approved, black (0.34 mm²)
- YE PUR-U**: PUR, halogen-free, UL-approved, yellow (0.34 mm²)
- BK PUR-U**: PUR, halogen-free, UL-approved, black (0.25 mm²)
- BK PUR-U/0.75**: PUR, halogen-free, UL-approved, black (0.75 mm²)
- PUR H/S: PUR, halogen-free, irradiated, orange (0.34 mm²)
- OR POC**: POC, welding bead resistant, orange (0.34 mm²)

Cable lengths in m
0.3 to 50

	V11S	V1S	V15S	V19S
○	○	○	○	-
○	○	○	-	-
○	○	○	-	-
●	●	●	-	-
○	○	-	-	-
-	-	-	●	-
-	○	-	-	-
-	○	-	-	-

● Standard, cable lengths of 2 m, 5 m and 10 m available in stock
 ○ Available, minimum order quantity applies in some cases
 - Not available