

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

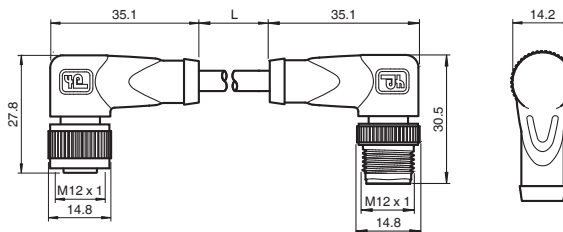
Sensor-actuator receptacles

Data connectors

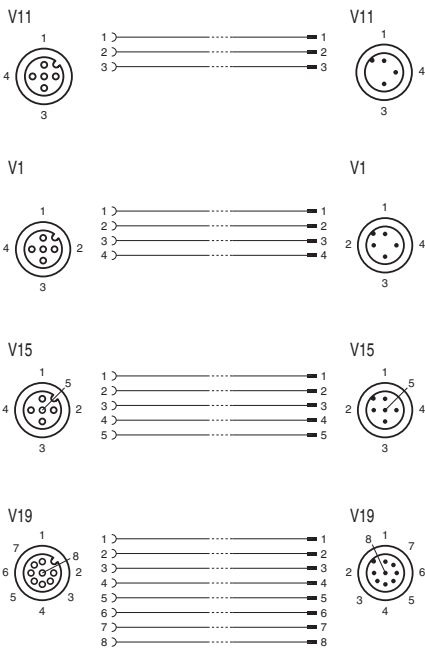
**Technical data**

Number of pins	3	4	5	8
<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 / 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			
<b>Approvals and certificates of compliance</b>				
UL file number	E231213 The use of UL-approved cable is a prerequisite for UL approval.			

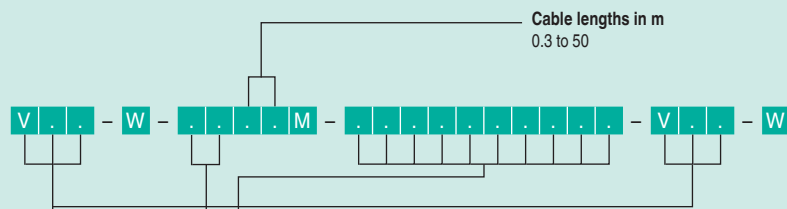
**Dimensions**



**Electrical connection**



**Order codes**



- Cable quality**
- PVC 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 (0.34 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>)
  - BK PUR-U PUR, halogen-free, UL-approved, black (0.25 mm<sup>2</sup>)
  - BK PUR-U/0.75 PUR, halogen-free, UL-approved, black (0.75 mm<sup>2</sup>)
  - PUR H/S PUR, halogen-free, irradiated, orange (0.34 mm<sup>2</sup>)
  - OR POC POC, weld-spatter resistant, orange (0.34 mm<sup>2</sup>)

	V11	V1	V15	V19
○	○	○	○	-
○	○	○	-	-
●	●	●	-	-
○	○	-	-	-
○	○	-	-	-
-	-	-	●	-
-	-	○	-	-
-	○	-	-	-

- Number of pins**
- V11 3-pin
  - V1 4-pin
  - V15 5-pin
  - V19 8-pin