



Features

- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool mounting
- Mechanical detent for vibration protection
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K

Technical data		V1-W-E8*-**M*-V1-G	
Number of pins	4 (E8)	4 (E8W)	
Display/controls			
Green LED	Operating display		
Yellow LED	NO contact 4 function display		
Red LED	NO contact 2 function display	-	
White LED	-	NO contact 2 function display	
Electrical data			
Operating voltage U_s	Max. 24 V DC \pm 15%		
Operating current	Max. 4 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		
Mechanical data			
Contact elements	Spring-loaded contact sockets		
Pin diameter	1 mm		
Degree of protection	IP67 / IP68 / IP69K		
Materials			
Contacts	CuSn / Au		
Contact surface	Au		
Body	TPU, transparent/black		
Coupling nut/push-on sleeve	Die-cast zinc		
Approvals and certificates of compliance			
UL file number	E231213 The use of UL-approved cable is a prerequisite for UL approval		

Sensor-actuator cable

Field-attachable connectors

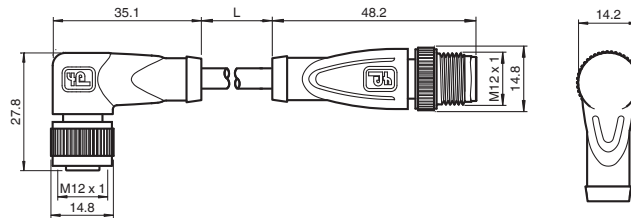
Junction blocks

Sensor-actuator splitters

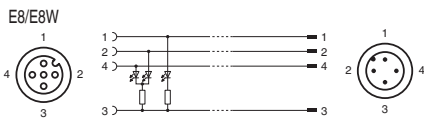
Sensor-actuator receptacles

Data connectors

Dimensions



Electrical connection



Order codes

Cable lengths in m
0.3 to 50

V 1 - W - . . . - . . . M - - V 1 - G

Cable quality		E8	E8W
- PVC	PVC, gray (0.34 mm ²)	○	○
BK PVC-U	PVC, UL-approved, black (0.34 mm ²)	○	○
YE PVC-U	PVC, UL-approved, yellow (0.34 mm ²)	○	○
- PUR	PUR, halogen-free, gray (0.34 mm ²)	●	●
BK PUR-U	PUR, halogen-free, shielded, UL-approved, black (0.34 mm ²)	○	○
YE PUR-U	PUR, halogen-free, UL-approved, yellow (0.34 mm ²)	○	○
- PUR H/S	PUR, halogen-free, irradiated, orange (0.34 mm ²)	○	○
OR POC	POC, weld-spatter resistant, orange (0.34 mm ²)	○	○

● Standard, cable lengths of 0.6 m, 1 m and 2 m available in stock
○ Available, minimum order quantity applies in some cases
- Not available

Number of pins
E8 4-pin
E8W 4-pin