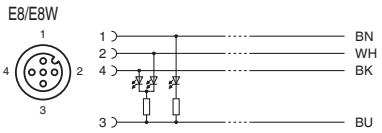
Features

- 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

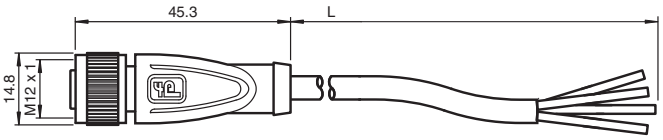
Electrical connection



Technical data

Number of pins	4 (E8)	4 (E8W)
Displays/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_B	Max. 24 V DC ± 15%	
Operating current	Max. 4 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	
Mechanical data		
Contact elements	Spring-loaded contact sockets	
Degree of protection	IP67 / IP68 / IP69K	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, transparent	
Coupling nut	Die-cast zinc	
Approvals and certificates of compliance		
UL file number	E231213 Prerequisite for UL approval is the use of a UL-approved cable quality	

Dimensions



Order codes

V1 – G – ... – ....M – .....

Cable lengths in m
0.3 to 50

Cable quality

			E8	E8W
–	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)	○	○
–	PUR H/S	PUR, halogen-free, irradiated, orange (0.34 mm²)	○	○
OR	POC	POC, welding bead resistant, orange (0.34 mm²)	○	○

● 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
E8 4-pin
E8W 4-pin

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