Technical data

Number of pins	3 (E2, E0)	4 (E2/E3)	4 (A2)
Display/controls			
Green LED	Operating display		
Yellow LED	NO contact function display	NO/NC contact function display	NO contact 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.		

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

Dimensions
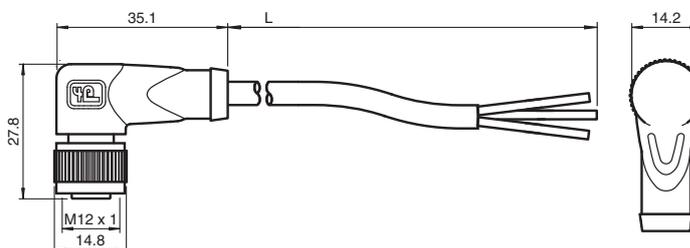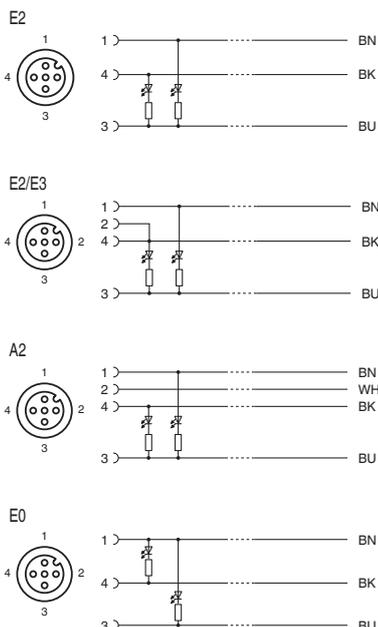

35.1 / L / 14.2 / 27.8 / M12 x 1 / 14.8

Electrical connection

E2 — 1 BN, 4 BK, 3 BU

E2/E3 — 1 BN, 2, 4 BK, 3 BU

A2 — 1 BN, 2 WH, 4 BK, 3 BU

E0 — 1 BN, 4 BK, 3 BU

Order codes

Cable lengths in m
0.3 to 50

V 1 – W – . . . . . . – . . . . M – . . . .

		Cable quality	E2	E2/E3	A2	E0
–	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, 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, welding bead resistant, orange (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
E2   3-pin
E2/E3   4-pin (2+4 bridged)
A2   4-pin
E0   3-pin (NPN)

Sensor-actuator cable | Field-attachable connectors | Junction blocks | Sensor-actuator splitters | Sensor-actuator receptacles | Data connectors

Subject to modifications without notice
Pepperl+Fuchs Group
www.pepperl-fuchs.com
USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com
Germany: +49 621 776-4411
fa-info@de.pepperl-fuchs.com
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com
Copyright Pepperl+Fuchs
PEPPERL+FUCHS
SENSING YOUR NEEDS
23