

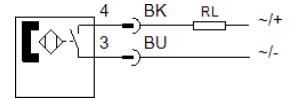
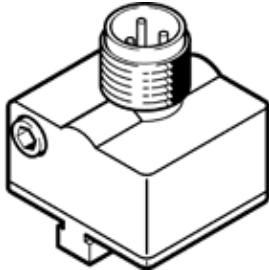
proximity sensor SMEO-8E-M12-LED-230

Part number: 171160

FESTO

Electric, with reed contact, for drives with T-slot, without mounting kit, with M12 plug.

Separate mounting component SMB-8E required (part no. 178230)



Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive low-voltage devices
Materials note	Free of copper and PTFE
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 60 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar Without LED function
Switching element function	Normally open contact
Switch-on time	≤ 2 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	120 mA
Max. contact rating AC	10 VA
Max. contact rating DC	10 W
Voltage drop	3.9 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	3 ... 230 V
Operating voltage range DC	3 ... 250 V
Polarity protected	No
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Screw lock
Connector exit direction	axial
Mounting type	with accessories
Tightening torque	0.5 Nm
Product weight	9 g
Material housing	Wrought Aluminium alloy TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED
Protection class	IP65 IP67
Surge strength	4 kV
Degree of contamination	3