

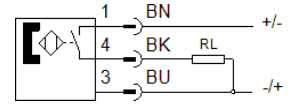
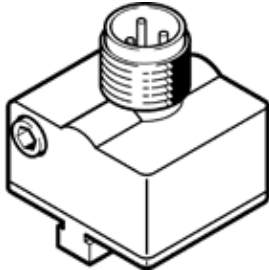
proximity sensor SMEO-8E-M12-LED-24

Part number: 171164

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
Materials note	Free of copper and PTFE Conforms to RoHS
Measuring principle	Reed magnetic
Ambient temperature	-40 ... 60 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar
Switching element function	Normally open contact
Switch-on time	≤ 0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Max. contact rating AC	10 VA
Max. contact rating DC	10 W
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	12 ... 30 V
Operating voltage range DC	12 ... 30 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	Lateral
Material electrical contact	Brass
Material cable sheath	PUR
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	0.8 kV
Degree of contamination	3