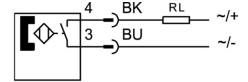


# Proximity sensor SMEO-8E-M12-LED-230

Part number: 171160

FESTO



## Data sheet

Feature	Value
Type code	SMEO
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00992149
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, connection type	Plug
Repetition accuracy	0.2 mm
Electrical connection 1, number of pins/wires	3
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991940
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
Note on materials	Free of copper and PTFE
Measuring principle	Magnetic reed
Ambient temperature	-20 °C ... 60 °C
Switching output	Contact-based, bipolar Without LED function
Switching element function	N/O contact
On time	≤2 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	120 mA
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	3.9 V
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	3 V ... 230 V
DC operating voltage range	3 V ... 250 V
Reverse polarity protection	no
Connection outlet orientation	Longitudinal
Type of mounting	With accessories
Tightening torque	0.5 Nm
Product weight	9 g

Feature	Value
Housing material	Wrought aluminum alloy TPE-U(PU) High-alloy stainless steel
Switching status indication	LED yellow
Degree of protection	IP65 IP67
Surge resistance	4 kV
Contamination level	3