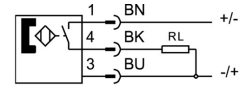


Proximity sensor SMEO-8E-M12-LED-24

Part number: 171164

FESTO



Data sheet

Feature	Value
Type code	SMEO
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991148
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 60 °C
Repetition accuracy	0.2 mm
Switching output	Contact-based, bipolar
Switching element function	N/O contact
On time	≤0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	12 V ... 30 V
DC operating voltage range	12 V ... 30 V
Reverse polarity protection	no
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995573
Connection outlet orientation	Transverse
Material of pin contacts	Brass
Material of cable sheath	PUR
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	0.8 kV
Contamination level	3