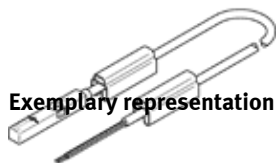


# Proximity Sensor SME-8M-...-

Part number: 543892

FESTO

Minimum order 10 units



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Authorization	RCM Mark c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Special characteristics	Oil resistant
Materials note	Conforms to RoHS Halogen-free
Measuring principle	Reed magnetic
Ambient temperature	-40 ... 70 °C
Switch output	with contact, bipolar
Switching element function	Normally closed contact Normally open contact
Max. output current	80 ... 500 mA
Max. output current in mounting kits	80 mA
Max. contact rating AC	2.4 ... 10 VA
Max. contact rating DC	2.4 ... 10 W
Max. switching capacity DC in mounting kits	2.4 W
Max. switching capacity AC in mounting kits	2.4 VA
Voltage drop	1.17 ... 4.8 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	5 ... 30 V
Operating voltage range DC	5 ... 30 V
Polarity protected	No
Electrical connection 1, connection type	Cable Cable with plug
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101 M8x1, A-coded to EN 61076-2-104 Open end
Electrical connection 1, number of pins/wires	2 3
Electrical connection 1, type of mounting	Screw lock
Connector exit direction	axial
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm
Cable length	0.2 ... 10 m
Cable attribute	Standard/suitable for energy chains
Material cable sheath	TPE-U(PUR)
Mounting type	Tightened

Feature	Value
	Insertable in slot from above
Product weight	8.9 ... 87.1 g
Material housing	Nickel-plated brass PA TPE-U(PUR) High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP68
PWIS conformity	VDMA24364-B2-L