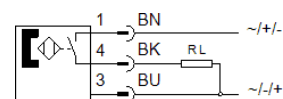
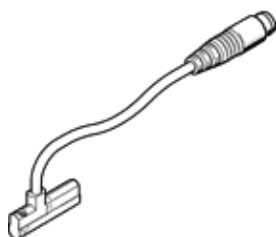


Proximity Sensor SME-10-SQ-LED-24

Part number: 173213

FESTO

Electric, with reed contact, for drives with C-slot, with M8 plug.



Data sheet

Feature	Value
Design	for round slot
Conforms to standard	EN 60947-5-2
Authorization	RCM Mark
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
Materials note	Conforms to RoHS
Instructions for use	Support / Actuator-sensor overview "The right sensor for the actuator"
Measured variable	Position
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar
Switching element function	Normally open contact
Switch-on time	≤ 0.6 ms
Switch-off time	≤ 0.05 ms
Max. switching frequency	500 Hz
Max. output current	100 mA
Max. contact rating DC	1 W
Voltage drop	0 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	12 ... 27 V
Operating voltage range DC	12 ... 27 V
Polarity protected	No
Electrical connection 1, connection type	Cable with plug
Electrical connection 1, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Connector exit direction	Lateral
Cable length	0.3 m
Cable sheath color	Grey
Material cable sheath	TPE-U(PUR)
Mounting type	Clamped in round slot Insertable into slot lengthwise
Tightening torque	0.1 Nm
Assembly position	Any
Product weight	5 g
Housing color	Black
Material housing	Nickel-plated brass PPS TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED

Feature	Value
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP67
Insulation voltage	50 V
Surge strength	0.8 kV
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3