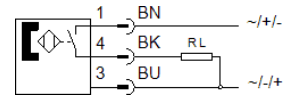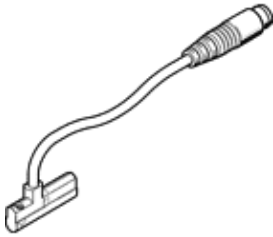# proximity sensor
SME-10-SQ-LED-24
Part number: 173213

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
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
	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 colour	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 colour	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