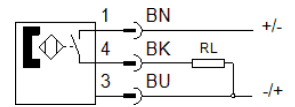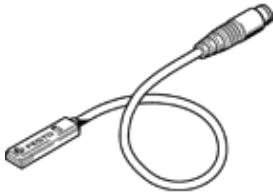# Proximity Sensor
SME-8-S-LED-24
Part number: 150857

FESTO

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

Data sheet

Feature	Value
Design	for T-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	-40 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Max. contact rating AC	10 VA
Max. contact rating DC	10 W
Inductive protective circuit	Adapted to MZ-, MY-, ME coils
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	12 ... 30 V
Operating voltage range DC	12 ... 30 V
Polarity protected	No
Electrical connection 1, connection type	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	axial
Material electrical contact	Brass
	Nickel plated
Material connector housing	TPE-U(PU)
Cable length	0.3 m
Cable sheath color	Grey
Material cable sheath	TPE-U(PUR)
Mounting type	Clamped in T-slot
	Insertable into slot lengthwise
Tightening torque	0.2 Nm
Assembly position	Any
Product weight	8 g
Housing color	Black

Feature	Value
Material housing	Epoxy resin
	PC
	PET
	High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP67
Insulation voltage	50 V
Surge strength	0.8 kV
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3