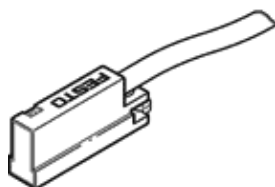


# Proximity Sensor SME-8-K-LED-230

Part number: 152820

FESTO

Electric, with reed contact, for drives with T-slot, with cable.



## Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-2
Authorization	CCC RCM Mark
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU low voltage guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment 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	-30 ... 60 °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	2 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	120 mA
Max. contact rating AC	10 VA
Max. contact rating DC	10 W
Voltage drop	≤ 3.9 V
Inductive protective circuit	Adapted to MZ-, MY-, ME coils
Minimum load current	5 mA
Residual current	0 mA
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	3 ... 230 V
Operating voltage range DC	3 ... 230 V
Polarity protected	No
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	2
Connector exit direction	axial
Cable length	2.5 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

Feature	Value
Assembly position	Any
Product weight	39 g
Housing color	Black
Material housing	Epoxy resin PET High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 60 °C
Protection class	IP68
Insulation voltage	2,500 V
Surge strength	4 kV
Vibration resistance per DIN/IEC 68, parts 2 - 6	Tested in accordance with severity level 2
Continuous shock resistance per DIN/IEC 68, parts 2 - 82	Tested in accordance with severity level 2
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3