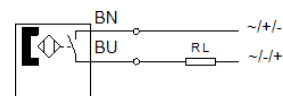
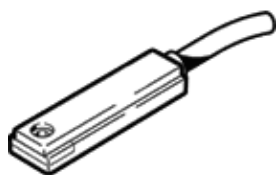


proximity sensor SME-8-K-24-S6

Part number: 161756

FESTO

Electric, with reed contact, for drives with T-slot, with cable, without LED, heat resistant design.



Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-2
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	Only for fixed cable installation
Measured variable	Position
Measuring principle	Reed magnetic
Ambient temperature	-40 ... 120 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar
Switching element function	Normally open contact
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
Voltage drop	0 V
Minimum load current	0 mA
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	0 ... 30 V
Operating voltage range DC	0 ... 30 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
Material cable sheath	TPE-S
Mounting type	Clamped in T-slot Insertable into slot lengthwise
Tightening torque	0.2 Nm
Assembly position	Any
Product weight	50 g
Housing colour	Black
Material housing	Epoxy resin PET High alloy steel, non-corrosive
Ambient temperature with flexible cable installation	-5 ... 120 °C

Feature	Value
Protection class	IP67
Insulation voltage	50 V
Surge strength	0.8 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