

# proximity sensor SMEO-8E-K-24-S6

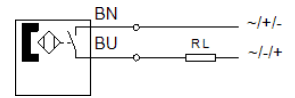
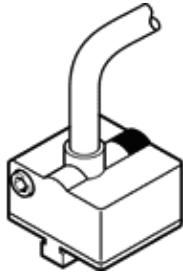
Part number: 171158  
Product to be discontinued

FESTO

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

Separate mounting component SMB-8E required (part no. 178230)

Type to be discontinued. Available until 2023. See Support Portal for alternative products.



## Data sheet

Feature	Value
Design	for T-slot
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	-40 ... 120 °C
Repetition accuracy	0.2 mm
Switch output	Contact-type
Switching element function	Normally open contact
Switch-on time	≤ 0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	500 mA
Max. contact rating AC	10 W
Max. contact rating DC	10 W
Voltage drop	0.5 V
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	for all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	2
Connector exit direction	Lateral
Cable length	2.5 m
Cable sheath colour	Grey
Material cable sheath	TPE-S
Mounting type	with accessories
Tightening torque	0.5 Nm
Assembly position	Any
Product weight	40 g
Housing colour	Black
Material housing	Anodised aluminium TPE-U(PU) High alloy steel, non-corrosive

Feature	Value
Ambient temperature with flexible cable installation	-40 ... 120 °C
Protection class	IP65 IP67
Insulation voltage	50 V
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3