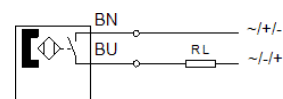
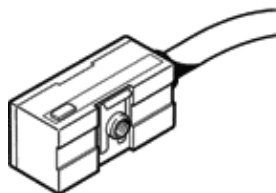


# proximity sensor SMEO-1-LED-230-K5-B

Part number: 160998

FESTO

With reed contact and light-emitting diode, without mounting kit.



## Data sheet

Feature	Value
Design	Block design
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive low-voltage devices 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
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	0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current AC	250 mA
Max. output current DC	120 mA
Max. contact rating AC	40 VA
Max. contact rating DC	40 W
Voltage drop	≤ 4.5 V
Residual current	0 mA
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	5 ... 250 V
Operating voltage range DC	5 ... 200 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	5 m
Cable sheath colour	Grey
Material cable sheath	PVC
Mounting type	with accessories
Tightening torque	2.9 Nm
Assembly position	Any
Product weight	130 g
Housing colour	Black
Material housing	Epoxy resin PC

Feature	Value
	PET Steel TPE-O Zinc die-casting
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP67
Surge strength	4 kV
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3