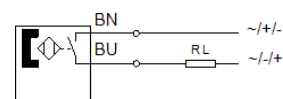
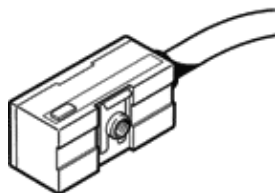


# proximity sensor SMEO-1-LED-230-K5-B

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
Materials note	Free of copper and PTFE
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 70 °C
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	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	2-core Cable
Connector exit direction	axial
Cable length	5 m
Material cable sheath	PVC
Mounting type	with accessories
Tightening torque	2.9 Nm
Product weight	130 g
Material housing	Epoxy resin PC 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
Degree of contamination	3