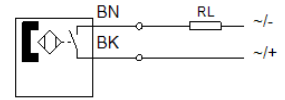
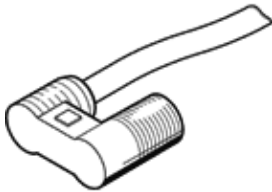


# proximity sensor SMEO-4U-K-LED-230

Part number: 150011  
Classic - do not use for new projects

FESTO

With reed contact and light-emitting diode, without mounting kit.  
Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

Feature	Value
Design	Round
Conforms to standard	DIN 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 ... 60 °C
Switch output	with contact, bipolar Without LED function
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	≤ 2 ms
Switch-off time	0.05 ms
Max. switching frequency	500 Hz
Max. output current	500 mA
Max. output current AC	250 mA
Max. output current DC	120 mA
Max. contact rating AC	10 VA
Max. contact rating DC	10 W
Voltage drop	≤ 4.5 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	12 ... 250 V
Operating voltage range DC	12 ... 250 V
Polarity protected	No
Electrical connection	2-core Cable
Connector exit direction	axial
Material cable sheath	PVC
Mounting type	with accessories
Tightening torque	0.8 Nm
Product weight	70 g
Material housing	PET TPE-O
Operating status display	Yellow LED
Protection class	IP67
Surge strength	4 kV
Degree of contamination	3