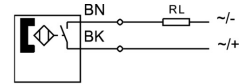


# Proximity sensor SMEO-4U-K-LED-230

Part number: 150011

FESTO



## Data sheet

Feature	Value
Type code	SMEO
Design	Round
Conforms to standard	DIN EN 60947-5-2
Symbol	00992153
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
Note on materials	Free of copper and PTFE
Measuring principle	Magnetic reed
Ambient temperature	-20 °C ... 60 °C
Switching output	Contact-based, bipolar Without LED function
Switching element function	N/O contact
Reproducibility of switching value	+/- 0.1 mm
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
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	≤4.5 V
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	12 V ... 250 V
DC operating voltage range	12 V ... 250 V
Reverse polarity protection	no
Electrical connection	2-wire Cable
Connection outlet orientation	Longitudinal
Material of cable sheath	PVC
Type of mounting	With accessories
Tightening torque	0.8 Nm
Product weight	70 g
Housing material	PET TPE-O

<b>Feature</b>	<b>Value</b>
Switching status indication	LED yellow
Degree of protection	IP67
Surge resistance	4 kV
Contamination level	3