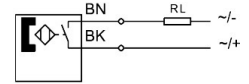



# Proximity sensor SMEO-4U-K-LED 230

Part number: 150011

**FESTO**



 General operating condition

## Data sheet

Feature	Value
Design	Round
Conforms to standard	DIN EN 60947-5-2
Symbol	00992153
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK regulations for electrical equipment
Measuring principle	Magnetic reed
Ambient temperature	-20 °C ... 60 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar Without LED function
Switching element function	N/O contact
Switch-on time	≤2 ms
Switch-off time	0.05 ms
Max. switching frequency	500 Hz
Max. output current AC	250 mA
Max. output current DC	120 mA
Max. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	≤4.5 V
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	12 V ... 250 V
Operational voltage range DC	12 V ... 250 V
Reverse polarity protection	no
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	2
Connection outlet orientation	In-line
Cable length	2.5 m
Material cable sheath	PVC
Type of mounting	With accessories
Tightening torque	0.8 Nm

Feature	Value
Mounting position	optional
Product weight	70 g
Material housing	PET TPE-O
Switching status indication	Yellow LED
Degree of protection	IP67
Immunity to surge	4 kV
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3