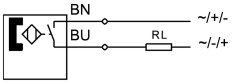
Proximity sensor SMEO-1-LED-230-B

Part number: 151671

FESTO



Data sheet

Feature	Value
Design	Block design
Conforms to standard	EN 60947-5-2
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK regulations for electrical equipment
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-20 °C...70 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar
Switching element function	N/O 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. switching capacity AC	40 VA
Max. switching capacity DC	40 W
Voltage drop	4.5 V
Off-state current	0 mA
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	5 V...250 V
Operational voltage range DC	5 V...200 V
Reverse polarity protection	no
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end

Feature	Value
Electrical connection 1, number of connections/cores	2
Connection outlet orientation	In-line
Cable length	2.5 m
Cable sheath colour	grey
Material cable sheath	PVC
Type of mounting	With accessories
Tightening torque	2.9 Nm
Mounting position	optional
Product weight	100 g
Housing colour	Black
Material housing	Epoxy resin PC PET Steel TPE-O Die-cast zinc
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C...70 °C
Degree of protection	IP67
Immunity to surge	4 kV
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3