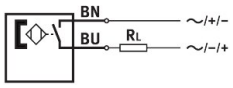
Proximity sensor
SMEO-1-LED-230-K5-B

Part number: 160998





Data sheet

Feature	Value
Design	Block design
Conforms to standard	EN 60947-5-2
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK instructions 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	Contact-based, bipolar
Switching element function	N.O. contact
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
Min. switching capacity AC	40 VA
Max. switching capacity DC	40 W
Voltage drop	4.5 V
Residual current	0 mA
Short-circuit protection	No
Overload protection	Not available
Operating voltage range AC	5 V...250 V
DC operating voltage range	5 V...200 V
Reverse polarity protection	No
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end

Feature	Value
Electrical connection 1, number of pins/wires	2
Connection outlet orientation	Longitudinal
Cable length	5 m
Color cable sheath	Gray
Material of cable sheath	PVC
Type of mounting	With accessories
Tightening torque	2.9 Nm
Mounting position	Any
Product weight	130 g
Housing colour	Black
Housing material	Epoxy PC PET Steel TPE-O Die-cast zinc
Switching status indication	Yellow LED
Ambient temperature with flexible cable installation	-5 °C...70 °C
Degree of protection	IP67
Surge resistance	4 kV
LABS (PWIS) conformity	VDMA24364-B2-L
Contamination level	3