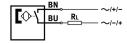
## Proximity sensor SMEO-1-LED-230-B

Part number: 151671







General operating condition

## **Data sheet**

Design Conforms to standard EN 60947-5-2 Symbol O0991624 Certification RCM compliance mark CE marking (see declaration of conformity) As per EU EMC directive As per EU now oltage and now oltage directive As per EU now oltage now oltage now now oltage directive As per EU now oltage now now oltage now now oltage now now now oltage now	
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Certification  CE marking (see declaration of conformity)  As per EU EMC directive As per EU low voltage directive As per EU RohS directive To UK instructions for EMC To UK RohS instructions To UK instructions for electrical e Note on materials RohS-compliant Measured variable Position Measuring principle Ambient temperature -20 °C 70 °C Repetition accuracy O.2 mm Switching output Contact-based, bipolar Switching element function N/O contact On time O.5 ms Switch-off time O.03 ms Max. switching frequency Max. output current AC Max. output current AC Max. output current DC 120 mA Min. switching capacity AC Mox. switching capacity DC Voltage drop 4.5 V Residual current Oneronal Contact Oneronal	
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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	
Ambient temperature  Repetition accuracy  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  Max. output current AC  Max. output current DC  Min. switching capacity AC  Max. switching capacity DC  Voltage drop  40 W  Voltage drop  Sesidual current  O mA  Short-circuit protection  Overload protection  Not available  Operating voltage range  S V 250 V  Reverse polarity protection  Electrical connection 1, connection type  Cable	
Repetition accuracy  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  Voltage drop  44.5 V  Residual current  O mA  Short-circuit protection  Overload protection  Not available  Operating voltage range  ODC operating voltage range  Electrical connection 1, connection type  Cable	
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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 \$\frac{4.5 \text{ V}}{2.50 \text{ 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	
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 \$\frac{4.5 \text{ V}}{2.50 \text{ 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	
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DC operating voltage range 5 V 200 V  Reverse polarity protection no  Electrical connection 1, connection type Cable	
Reverse polarity protection no Electrical connection 1, connection type Cable	
Electrical connection 1, connection type Cable	
Electrical connection 1, connection technology Open end	
Electrical connection 1, number of pins/wires 2	
Connection outlet orientation Longitudinal	
Cable length 2.5 m	
Color cable sheath Gray	

Feature	Value
Material of cable sheath	PVC
Type of mounting	With accessories
Tightening torque	2.9 Nm
Mounting position	Any
Product weight	100 g
Housing colour	Black
Housing material	Epoxy resin PC PET Steel TPE-O Die-cast zinc
Switching status indication	LED yellow
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