

Proximity sensor SMEO-1-LED-24-B

Part number: 30459

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Design	Block design
Symbol	00991145
Approval	RCM
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
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
Max. switching frequency	500 Hz
Max. output current	1000 mA
Max. switching capacity AC	27 VA
Max. switching capacity DC	27 W
Short circuit current rating	No
Overload protection	Not provided
Operational voltage range AC	12 V ... 27 V
Operational voltage range DC	12 V ... 27 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	3
Connection outlet orientation	In-line
Cable length	2.5 m
Cable sheath colour	Grey
Material cable sheath	TPE-U(PUR)
Type of mounting	With accessories
Mounting position	Any
Product weight	85 g
Housing colour	Black
Material housing	Reinforced PET Steel

Feature	Value
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C ... 70 °C
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L