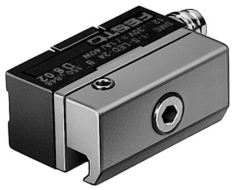
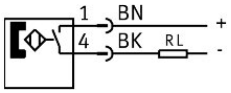
Proximity sensor
SME-1-S-24-B

Part number: 150850





Data sheet

Feature	Value
Design	Block design
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC 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	Contact-based, bipolar
Switching element function	N.O. contact
On time	0.5 ms
Max. switching frequency	500 Hz
Max. output current	1 A
Min. switching capacity AC	27 VA
Max. switching capacity DC	27 W
Short-circuit protection	No
Overload protection	Not available
DC operating voltage range	0 V...30 V
Reverse polarity protection	No
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Snap-locking Screw-type lock not rotatable Compatible with snap-locking Compatible with rotatable screw-type lock
Connection outlet orientation	Longitudinal
Type of mounting	With accessories
Mounting position	Any
Product weight	45 g

Feature	Value
Housing colour	Black
Housing material	Epoxy PET Steel Steel, galvanized Die-cast zinc
Ambient temperature with flexible cable installation	-5 °C...70 °C
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L