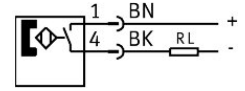


# Proximity sensor SMEO-1-S-24-B

Part number: 150847

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Design	Block design
Symbol	00995365
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 available
Operational voltage range DC	0 V ... 30 V
Reverse polarity protection	no
Electrical connection 1, connection type	Plugs
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	3
Electrical connection 1, type of mounting	Not rotatable
Electrical connection 1, compatible type of mounting	Compatible with latching lock Compatible with rotatable screw-type lock
Electrical connection 1, connection pattern	00992826
Connection outlet orientation	In-line
Type of mounting	With accessories
Mounting position	optional
Product weight	20 g
Housing colour	Black
Material housing	PET Steel Die-cast zinc
Ambient temperature with moving cable	-5 °C ... 70 °C

Feature	Value
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L