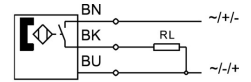


Proximity sensor SME-10M-DS-24V-E-2,5-L-OE

Part number: 551365

FESTO



Data sheet

Feature	Value
Type code	SME
Electrical connection 1, connection technology	Open end
Electrical connection 1, connection type	Cable
Repetition accuracy	0.2 mm
Electrical connection 1, number of pins/wires	3
Design	for round slot
Conforms to standard	EN 60947-5-2
Symbol	00991620
Certification	c UL us - Listed (OL) RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Special features	Oil-resistant
Note on materials	Free of copper and PTFE RoHS-compliant Halogen-free
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 70 °C
Switching output	Contact-based, bipolar
Switching element function	N/O contact
On time	≤ 1.2 ms
Switch-off time	≤ 1 ms
Max. switching frequency	50 Hz
Max. output current	300 mA
Max. output current in mounting kits	50 mA
Min. switching capacity AC	9 VA
Max. switching capacity DC	9 W
Max. switching capacity DC in mounting kits	1.5 W
Max. switching capacity AC in mounting kits	1.5 VA
Voltage drop	≤ 1.5 V
Short-circuit protection	no
Overload protection	Not available
Rated operating voltage DC	24 V
Operating voltage range AC	5 V ... 30 V
DC operating voltage range	5 V ... 30 V
Reverse polarity protection	no

Feature	Value
Connection outlet orientation	Longitudinal
Connector cable test conditions	Torsional resistance: > 300 000 cycles, $\pm 270^\circ/0.1$ m Test conditions on request Cable chain: 5 million cycles, bending radius 28 mm Flexural strength: as per Festo standard
Cable length	2.5 m
Cable characteristic	Suitability for energy chains/robot applications
Material of cable sheath	TPE-U(PUR)
Type of mounting	Can be inserted in slot from above Screwed tightly
Max. tightening torque	0.4 Nm
Mounting position	Any
Product weight	16.8 g
Housing material	High-alloy stainless steel PA-reinforced
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-20 °C ... 70 °C
Degree of protection	IP65 IP68