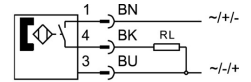


Proximity sensor SME-8M-DS-24V-K-0,3-M8D

Part number: 543861

FESTO



Data sheet

Feature	Value
Type code	SME
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00991155
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, connection type	Cable with plug
Electrical connection 1, number of pins/wires	3
Symbol	00991619
Certification	RCM compliance mark c UL us - Listed (OL)
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
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 70 °C
Switching output	Contact-based, bipolar
Switching element function	N/O contact
Max. output current	500 mA
Max. output current in mounting kits	80 mA
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Max. switching capacity DC in mounting kits	2.4 W
Max. switching capacity AC in mounting kits	2.4 VA
Voltage drop	1.17 V
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	5 V ... 30 V
DC operating voltage range	5 V ... 30 V
Reverse polarity protection	no
Connection outlet orientation	Longitudinal
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 75 mm
Cable length	0.3 m
Cable characteristic	Standard + cable chain
Material of cable sheath	TPE-U(PUR)

Feature	Value
Type of mounting	Screwed tightly Can be inserted in slot from above
Product weight	8.9 g
Housing material	Brass, nickel-plated PA TPE-U(PUR) High-alloy stainless steel
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP65 IP68