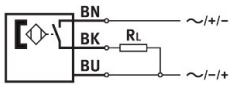
Proximity sensor
SME-8M-DS-24V-K-5,0-OE

Part number: 543863



General operating condition

Data sheet

Feature	Value
Symbol	00991620
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Special characteristics	Oil resistant
Note on materials	RoHS-compliant
Instructions on use	https://www.festo.com/Drive-Sensor-Overview
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 70 °C
Switching output	Contacting, bipolar
Switching element function	N/O contact
Max. output current	500 mA
Max. output current using mounting kits	80 mA
Max. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Max. switching capacity DC using mounting kits	2.4 W
Max. switching capacity AC using mounting kits	2.4 VA
Voltage drop	1.875 V
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	5 V ... 30 V
Operational voltage range DC	5 V ... 30 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
Test conditions cable	Bending strength: to Festo standard Test conditions on request Energy chain: › 5 million cycles, bending radius 75 mm
Cable length	5 m
Cable characteristic	Standard/suitable for energy chains
Material cable sheath	TPE-U(PUR)

Feature	Value
Type of mounting	Screw-clamped Insertable in the slot from above
Product weight	58.3 g
Material housing	High-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C ... 70 °C
Degree of protection	IP65 IP68
LABS (PWIS) conformity	VDMA24364-B2-L