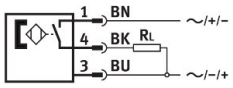
Proximity sensor
SME-8M-DS-24V-K-0,3-M8D

Part number: 543861





Data sheet

Feature	Value
Approval	RCM c UL us - Listed (Oil)
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	1.17 V
Short circuit current rating	No
Overload protection	Not provided
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 with plug
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	Screw-type lock Rotatable
Electrical connection 1, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Connection outlet orientation	In-line

Feature	Value
Material electrical contact	Gold-plated copper alloy
Material connector housing	TPE-U(PU)
Material screw-type lock	Brass, nickel-plated
Test conditions cable	Bending strength: to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm
Cable length	0.3 m
Cable characteristic	Standard/suitable for energy chains
Material cable sheath	TPE-U(PUR)
Type of mounting	Screw-clamped Insertable in the slot from above
Product weight	8.9 g
Material housing	PA 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