

Proximity sensor SIEN-M5B-PS-S-L

Part number: 150371

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991701
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	according to UK RoHS regulations (UK-R)
Note on materials	RoHS compliant
Rated operating distance	0.8 mm
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy under constant conditions	0.01 mm
Switching output	PNP
Switching element function	N.O. contact
Max. switching frequency	5000 Hz
Max. output current	200 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	not rotatable
Electrical connection 1, type of mounting	Compatible with snap-locking Compatible with rotatable screw-type lock
Size	M5x0.5
Type of mounting	With locknut
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	4.3 g
Housing material	high-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP67
Surge resistance	1 kV
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L

Feature	Value
Contamination level	3
Selection of additional sensor information	With standard switching distance
Electrical output	PNP
Selection of sensor version	Standard