

# Proximity sensor SIEN-M5B-NS-S-L

Part number: 150369

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991703
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)	according to UK RoHS instructions (UK-R)
Note on materials	RoHS compliant
Rated operating distance	0.8 mm
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy with constant conditions	0.01 mm
Switching output	NPN
Switching element function	N/O contact
Max. switching frequency	5000 Hz
Max. output current	200 mA
Short circuit current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Reverse polarity protection	For all electrical connections
Electrical connection 1, connection type	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	Not rotatable
Electrical connection 1, compatible type of mounting	Compatible with latching lock Compatible with rotatable screw-type lock
Size	M5x0.5
Type of mounting	Via lock nut
Tightening torque	1.5 Nm
Mounting type	Flush
Product weight	4.3 g
Material housing	High-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C ... 70 °C
Degree of protection	IP67
Immunity to surge	1 kV
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L

<b>Feature</b>	<b>Value</b>
Pollution degree	3
Additional information for sensor selection	With standards-based switching distance
Electrical output	NPN
Selection of sensor design	Standard