

proximity sensor SIEN-M30NB-NS-S-L

Part number: 150441

FESTO

Inductive, with standard switching distance.



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE Conforms to RoHS
Nominal switching distance	15 mm
Guaranteed switching distance	12.15 mm
Reduction factors	Aluminium = 0.5 Stainless steel St 18/8 = 0.85 Copper = 0.43 Brass = 0.53 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.75 mm
Switch output	NPN
Switching element function	Normally open contact
Hysteresis	≤ 1.65 mm
Max. switching frequency	700 Hz
Max. output current	200 mA
Voltage drop	≤ 2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	+/- 20 %
Idle current	≤ 10 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Size	M30x1,5
Mounting type	with lock nut
Tightening torque	40 Nm
Type of installation	not flush
Product weight	100 g
Material housing	Brass PA PBTP Chromed-plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP67
Surge strength	0.8 kV
Degree of contamination	3