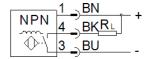
## proximity sensor SIEN-M12B-NS-S-L Part number: 150401

**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
Nominal switching distance	2 mm
Guaranteed switching distance	1.62 mm
Reduction factors	Aluminium = 0.4
	Stainless steel, St 18/8 = 0.6
	Copper = 0.3
	Brass = 0.5
	Steel, St 37 = 1.0
Ambient temperature	-25 70 °C
Repetition accuracy for constant conditions	0,1 mm
Switch output	NPN
Switching element function	Normally open contact
Hysteresis	<= 0.18 mm
Max. switching frequency	3,000 Hz
Max. output current	200 mA
Voltage drop	<= 2 V
Inductive protective circuit	Integrated
Short circuit strength	Pulsing
Operating voltage range DC	10 30 V
Residual ripple	± 10%
Idle current	<= 10 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin
	M12x1
	Plug
Size	M12x1
Mounting type	with lock nut
Type of installation	flush
Product weight	30 g
Material housing	Brass
	РВТР
	Nickel plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 70 °C
Protection class	IP65
	IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress