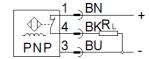
Proximity Sensor SIEN-M8NB-PO-S-L Part number: 150399

FESTO

Inductive, with standard switching distance.





Data sheet

Feature	Value	
Conforms to standard	EN 60947-5-2	
Authorization	RCM Mark	
	c UL us - Listed (OL)	
CE symbol (see declaration of conformity)	according to EU-EMV guideline	
Nominal switching distance	2.5 mm	
Guaranteed switching distance	2.03 mm	
Reduction factors	Aluminum = 0.25	
	Stainless steel, St 18/8 = 0.7	
	Copper = 0.2	
	Brass = 0.35	
	Steel, St 37 = 1.0	
Ambient temperature	-25 70 °C	
Repetition accuracy for constant conditions	0,12 mm	
Switch output	PNP	
Switching element function	Normally closed contact	
Hysteresis	<= 0.12 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	
	M8x1	
	Plug	
Size	M8x1	
Mounting type	with lock nut	
Type of installation	not flush	
Product weight	18 g	
Material housing	Brass	
	PA	
	РВТР	
	High alloy steel, non-corrosive	
	Chromed-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	
PWIS conformity	VDMA24364-B2-L	