

# proximity sensor SIEN-4B-PS-S-L

Part number: 150363

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	0.8 mm
Guaranteed switching distance	0.64 mm
Reduction factors	Aluminium = 0.4 Stainless steel, St 18/8 = 0.7 Copper = 0.3 Brass = 0.4 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.04 mm
Switch output	PNP
Switching element function	Normally open contact
Max. switching frequency	3,000 Hz
Max. switching frequency, DC	3,000 Hz
Max. output current	200 mA
Voltage drop	2 V
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	4 mm
Mounting type	Clamped
Type of installation	flush
Product weight	9 g
Material housing	High alloy steel, non-corrosive
Operating status display	Yellow LED
Protection class	IP67