

Proximity sensor SIEN-4B-NS-S-L

Part number: 150361

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991703
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	according to UK RoHS regulations (UK-R)
Rated operating distance	0.8 mm
Assured operating distance	0.64 mm
Reduction factors	Aluminum = 0.4 Stainless steel St 18/8 = 0.7 Copper = 0.3 Brass = 0.4 Steel St 37 = 1.0
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy	0.04 mm
Switching output	NPN
Switching element function	N.O. contact
Max. switching frequency	3000 Hz
Max. switching frequency DC	3000 Hz
Max. output current	200 mA
Voltage drop	2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Residual ripple	10%
Idle current	≤10 mA
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	not rotatable
Electrical connection 1, type of mounting	Compatible with snap-locking Compatible with rotatable screw-type lock
Size	4 mm
Type of mounting	Clamped
Mounting type	Flush
Product weight	9 g
Housing material	high-alloy stainless steel

Feature	Value
Switching status indication	Yellow LED
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L
Selection of additional sensor information	With standard switching distance
Electrical output	NPN
Selection of sensor version	Standard