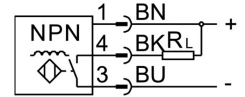


Proximity sensor SIEN-4B-NS-S-L

Part number: 150361

FESTO



Data sheet

Feature	Value
Type code	SIEN
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
Note on materials	Free of copper and PTFE
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	3-pin M8x1 Plug
Size	4 mm
Type of mounting	Clamped
Mounting type	Flush
Product weight	9 g
Housing material	High-alloy stainless steel
Switching status indication	LED yellow
Degree of protection	IP67
Selection of additional sensor information	With standard switching distance

Feature	Value
Electrical output	NPN
Selection of sensor version	Standard