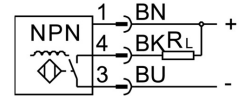


Proximity sensor SIES-V3B-NS-S-L

Part number: 150490

FESTO



Data sheet

Feature	Value
Type code	SIES
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	2 mm
Assured operating distance	1.6 mm
Reduction factors	Aluminum = 0.45 Stainless steel St 18/8 = 0.7 Copper = 0.3 Brass = 0.5 Steel St 37 = 1.0
Ambient temperature	-25 °C ... 85 °C
Repetition accuracy	0.1 mm
Switching output	NPN
Switching element function	N/O contact
Max. switching frequency	1200 Hz
Max. switching frequency DC	1200 Hz
Max. output current as a function of temperature	200 mA at ≤ 50 °C 150 mA at ≤ 85 °C
Voltage drop	3.2 V
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Residual ripple	10 %
Idle current	≤ 30 mA
Reverse polarity protection	for all electrical connections
Electrical connection	3-pin M8x1 Plug
Size	15x20x30 mm
Type of mounting	With through-hole
Mounting type	Flush
Product weight	120 g
Housing material	Die-cast zinc
Switching status indication	LED yellow
Degree of protection	IP67

Feature	Value
Selection of additional sensor information	Special design
Electrical output	NPN
Selection of sensor version	Standard