

Proximity sensor SIES-V3B-NS-S-L

Part number: 150490

FESTO



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Rated operating distance	2 mm
Assured operating distance	1.6 mm
Reduction factors	Aluminium = 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 current rating	Pulsed
Operational voltage range DC	10 V...30 V
Residual ripple	10 %
No-load supply current	30 mA
Reverse polarity protection	For all electrical connections
Electrical connection	3-pin M8x1 Plugs
Size	15x20x30 mm
Type of mounting	With through-hole
Mounting type	Flush
Product weight	120 g
Material housing	Die-cast zinc
Switching status indication	Yellow LED

Feature	Value
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L
Additional information for sensor selection	Special design
Electrical output	NPN
Selection of sensor design	Standard