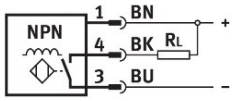
Proximity sensor
SIES-V3B-NS-S-L

Part number: 150490





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
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)	To UK instructions for EMC To UK RoHS instructions
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 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	Snap-locking Screw-type lock not rotatable Compatible with snap-locking

Feature	Value
	Compatible with rotatable screw-type lock
Size	15x20x30 mm
Type of mounting	With through-hole
Mounting type	Flush
Product weight	120 g
Housing material	Die-cast zinc
Switching status indication	Yellow LED
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L
Selection of additional sensor information	Special design
Electrical output	NPN
Selection of sensor version	Standard