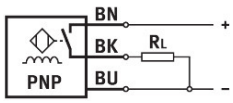
Proximity sensor
SIEN-4B-PS-K-L

Part number: 150362

FESTO





General operating condition

Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Symbol	00991702
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Rated operating distance	0.8 mm
Assured operating distance	0.64 mm
Reduction factors	Aluminium = 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	PNP
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 current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Residual ripple	10 %
No-load supply current	≤10 mA
Reverse polarity protection	For all electrical connections
Electrical connection	3-wire Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	4 mm
Type of mounting	Clamped
Mounting type	Flush
Product weight	48 g
Material housing	High-alloy stainless steel
Switching status indication	Yellow LED
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L

Feature	Value
Additional information for sensor selection	with standard sensing distance
Electrical output	PNP
Selection of sensor design	Standard