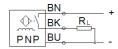
proximity sensor SIEN-6,5B-PS-K-L Part number: 150378

FESTO

Inductive, with standard switching distance.





Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark
	c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Nominal switching distance	1.5 mm
Guaranteed switching distance	1.21 mm
Reduction factors	Aluminium = 0.25
	Stainless steel, St 18/8 = 0.7
	Copper = 0.2
	Brass = 0.35
	Steel, St 37 = 1.0
Ambient temperature	-25 70 °C
Repetition accuracy for constant conditions	0,07 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	<= 0.07 mm
Max. switching frequency	5,000 Hz
Max. output current	200 mA
Voltage drop	<= 2 V
Inductive protective circuit	Integrated
Short circuit strength	Pulsing
Operating voltage range DC	10 30 V
Residual ripple	± 10%
Idle current	<= 10 mA
Polarity protected	for all electrical connections
Electrical connection	Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	6,5 mm
Mounting type	Clamped
Type of installation	flush
Product weight	45 g
Material housing	PA
	High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 70 °C
Protection class	IP65
	IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L