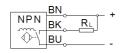
## proximity sensor SIEN-6,5B-NS-K-L Part number: 150376

**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	
Materials note	Free of copper and PTFE	
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	NPN	
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	