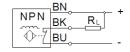
## proximity sensor SIEH-M18B-NO-K-L Part number: 150460

**FESTO** 

Inductive, for large switching distances.





## **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	
	Conforms to RoHS	
Nominal switching distance	8 mm	
Guaranteed switching distance	6.48 mm	
Reduction factors	Aluminium = 0.35	
	Stainless steel, St 18/8 = 0.7	
	Copper = 0.3	
	Brass = 0.4	
	Steel, St 37 = 1.0	
Ambient temperature	-25 70 °C	
Repetition accuracy	0.4 mm	
Switch output	NPN	
Switching element function	Normally closed contact	
Hysteresis	<= 0.88 mm	
Max. switching frequency	1,500 Hz	
Max. output current	200 mA	
Voltage drop	<= 2 V	
Short circuit strength	Pulsing	
Operating voltage range DC	10 30 V	
Residual ripple	+/- 20 %	
Idle current	<= 10 mA	
Polarity protected	for all electrical connections	
Electrical connection	3-core	
	Cable	
Cable length	2.5 m	
Material cable sheath	TPE-U(PUR)	
Size	M18	
Mounting type	with lock nut	
Tightening torque	20 Nm	
Type of installation	flush	
Product weight	108 g	
Material housing	Brass	
	РВТР	
	Nickel plated	
Operating status display	Yellow LED	
Ambient temperature with flexible cable installation	-5 70 °C	
Protection class	IP67	
Surge strength	0.8 kV	
Degree of contamination	3	