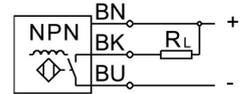


Proximity sensor SIEN-6,5B-NS-K-L

Part number: 150376

FESTO



Data sheet

Feature	Value
Type code	SIEN
Conforms to standard	EN 60947-5-2
Symbol	00991704
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE
Rated operating distance	1.5 mm
Assured operating distance	1.21 mm
Reduction factors	Aluminum = 0.25 Stainless steel St 18/8 = 0.7 Copper = 0.2 Brass = 0.35 Steel St 37 = 1.0
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy under constant conditions	0.07 mm
Switching output	NPN
Switching element function	N/O contact
Hysteresis	≤0.07 mm
Max. switching frequency	5000 Hz
Max. output current	200 mA
Voltage drop	≤2 V
Inductive protective circuit	Installed
Short-circuit protection	Pulsed
DC operating voltage range	10 V ... 30 V
Residual ripple	± 10%
Idle current	≤10 mA
Reverse polarity protection	for all electrical connections
Electrical connection	Cable
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Size	6.5 mm
Type of mounting	Clamped
Mounting type	Flush
Product weight	45 g
Housing material	PA High-alloy stainless steel

Feature	Value
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP65 IP67
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Selection of additional sensor information	With standard switching distance
Electrical output	NPN
Selection of sensor version	Standard