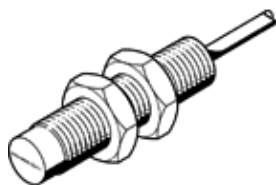


# proximity sensor SIEN-M8NB-NS-K-L

Part number: 150392

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	2.5 mm
Guaranteed switching distance	2.03 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	0,12 mm
Switch output	NPN
Switching element function	Normally open contact
Hysteresis	≤ 0.12 mm
Max. switching frequency	3,000 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	M8x1
Mounting type	with lock nut
Type of installation	not flush
Product weight	53 g
Material housing	PBTP 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