proximity sensor
SIEN-M8B-PO-S-L

Part number: 150391

FESTO
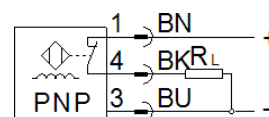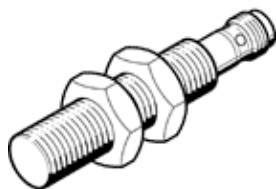
Data sheet

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	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 closed 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	Plug M8x1 3-pin
Size	M8x1
Mounting type	with lock nut
Type of installation	flush
Product weight	18 g
Material housing	Brass PA High alloy steel, non-corrosive Chromed-plated
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