



Proximity switch SIEN-M8B-PO-K-L

150390

URL:<https://www.sxplc.com/proximity-switch-sien-m8b-po-k-l-150390>

Product data sheet

Compliant with standards

EN 60947-5-2

symbol

00991613

authentication

RCM trademark

UL us certification (OL)

CE certification (see declaration of conformity)

Compliant with EU Electromagnetic Compatibility Directive

Material Description

RoHS compliance

Rated working distance

1.5 mm

Ensure working distance

1.21 mm

Conversion factor

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

Repetitive accuracy under constant conditions

0.07 mm

Switch output

PNP

Switching element function

Normally closed contact

Hysteresis

≤ 0.07 mm

Maximum switching frequency

5000 Hz

Maximum output current

200 mA

Voltage drop

≤ 2 V

Inductive protection circuit

integration

Short circuit current rating

Pulse type

Working voltage range DC

10 V 30 V

Residual ripple

$\pm 10\%$

Current of no-load power supply

$\leq 10 \text{ mA}$

Reverse polarity protection

Suitable for all electrical connections

Electrical interface

cable

Cable length

2.5 m

Cable sheath material

TPE-U (PUR)

specifications

M8x1

Installation method

By locking the nut

Installation method

Qi Ping

Product weight

53 g

Shell material

PA

High alloy stainless steel

Switch status indication

Yellow LED

Environmental temperature with mobile cables

-5 ° C 70 ° C

Protection level

IP65

IP67

Corrosion resistance grade CRC

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B2-L

Additional information about sensor selection

With standard sensing distance

Electrical output

PNP

Selection of sensor design

standard

