



sensor SOOE-RS-R-PNLK-T 8075666

URL:<https://www.sxplc.com/sensor-sooe-rs-r-pnlk-t-8075666>

Product data sheet

design

Square structure

Compliant with standards

EN 60947-5-2

symbol

00995956

authentication

RCM trademark

UL us certification (OL)

CE certification (see declaration of conformity)

Compliant with EU Electromagnetic Compatibility Directive

Compliant with EU RoHS Directive

CE marking (see declaration of conformity)

Compliant with UK EMC Directive

Compliant with UK RoHS Directive

Certificate issuing authority

UL E232949

Material Description

RoHS compliance

measuring principle

Optoelectronic components

test method

Opposing sensor

Light source type

red

LED

Maximum spot

At 65 mm, 1000 mm

Working distance

0 mm 6500 mm

ambient temperature

-40 ° C 60 ° C

Reference materials

Reference reflector

Switch output

Push-pull type

Switching element function

Switchable

PNP Dark switching

NPN □ Clear switching

Maximum switching frequency

1000 Hz

Maximum output current

100 mA

Voltage drop

0 V 1.5 V

Timer function

Through IO Link ®

Short circuit current rating

Pulse type

protocol

IO Link ®

IO-Link □ Protocol version

Device V 1.1

IO-Link□ Communication mode

COM2 (38.4 kBaud)

IO Link, SIO Mode support

yes

IO-Link□ Port level

A

IO-Link□ Process data length OUT

2 digits

IO-Link□ Process data content OUT

1 bit (emitter disabled)

1 bit (hold)

IO-Link□ Process data length IN

2 digits

IO-Link□ Process data content IN

1 bit (stability alarm)

1 bit SSC (switching signal)

IO-Link□ Minimum cycle time

2.3 ms

IO-Link□ Required data storage

2000 Bytes

Working voltage range DC

10 V 30 V

Residual ripple

10%

Current of no-load power supply

25 mA

Reverse polarity protection

Suitable for all electrical connections

Electrical interface 1, connection type

plug

Electrical interface 1, connecting the system

M8x1, A-code, compliant with EN 61076-2-104 standard

Electrical interface 1, interface/number of wire cores

three

Electrical interface 1, installation type

Screw lock

Electrical Interface 1, Interface Style

00991155

Electrical contact material

Gold-plated brass

Installation method

Through the through-hole for M3 screws

Tightening torque

0.8 Nm

Installation location

Optional

Product weight

10 g

Shell material

PC

PMMA

Ready status indication

Green LED

Switch status indication

Yellow LED

Reverse indication function

Yellow LED flashing

set an option

IO Link ®

Potentiometer

Demonstration teaching

Protection level

IP65

IP67

IP69K

Insulation voltage

500 V

Surge resistance

1 kV

Corrosion resistance grade CRC

1- Low corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364 Zone III

Pollution level

three

