



sensor- OPU201

URL:<https://www.sxplc.com/sensor-opu201>

Product data sheet

Product characteristics

Type of light

red light

Electrical data

Operating voltage [V]

10...30 DC; (cULus - Class 2 source required)

Current consumption [mA]

< 30

Protection class

III

Reverse polarity protection

yes

Type of light

red light

Wave length [nm]

660

Outputs

Electrical design

PNP

Output function

light-on/dark-on mode; (selectable)

Max. voltage drop switching output DC [V]

1

Permanent current rating of switching output DC [mA]

100

Switching frequency DC [Hz]

5000

Short-circuit protection

yes

Type of short-circuit protection

yes (non-latching)

Overload protection

yes

Monitoring range

Diameter of the smallest detectable object [mm]

0.3

Interfaces

Communication interface

IO-Link

Transmission type

COM2 (38,4 kBaud)

IO-Link revision

1.1

SDCI standard

IEC 61131-9

Profiles

Smart Sensor: Device Identification; Device Diagnosis; Teach Channel; Switching Channel; Process Data Variable

SIO mode

yes

Required master port class

A

Min. process cycle time [ms]

3.2

Supported DeviceIDs

Type of operation

DeviceID

default

378

Operating conditions

Ambient temperature [°C]

-25...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF [years]

709

Mechanical data

Weight [g]

74

Dimensions [mm]

40 x 10 x 50

Fork depth D [mm]

25

Fork width W [mm]

20

Material

housing: diecast zinc black anodized; lens: glass

Displays / operating elements

Display

Switching status

1 x LED, yellow

Remarks

Remarks

cULus - Class 2 source required

Pack quantity

1 pcs.

Electrical connection

Connection

Connector: 1 x M8; coding: A

