



sensorOGH200 OGH-HPKG/US100

URL:<https://www.sxplc.com/sensorogh200-ogh-hpkg-us100>

Product data sheet

Product Characteristics

Light Type

Red light

Housing

Threaded construction

APPLICATIONS

Special properties

Background Blanking

Functional principle

Diffuse photoelectric switch

Electrical data

Operating voltage [V]

10.... 36 DC

Current loss [mA]

25

Protection class

II

Inverted phase protection

Yes

Light type

Red light

Wavelength [nm]

624

Output

Electrical Design

PNP

Output Function

Bright on mode

Switching output DC voltage drop max.

2.5

Continuous current load of switching output DC [mA]

200

Switching frequency DC [Hz]

1000

Short-circuit protection

Yes

Short-circuit protection type

Pulse

Overload protection

Yes

Monitoring range

Detection distance [mm]

15.... 250; (white paper 200 x 200 mm 90 % reflection)

Detection distance for white objects (90 % reflection) [mm]

15.... 250

Detection distance for gray objects: (18 % reflection) [mm] 15...250

15.... 230

Detection distance for black objects (6 % reflections) [mm] 15...230

15.... 160

Detection distance can be set

Yes

Max. spot diameter [mm]

21

Spot size reference

At maximum detection distance

Background masking available

available

Operating conditions

Ambient temperature [°C]

-25.....60

Enclosure protection class

IP 65

Certificates/Tests

EMC Electromagnetic Compatibility

EN 60947-5-2

MTTF [years]

339

Mechanical Technical Data

Weight [g]

53.1

Housing

Threaded construction

Dimensions [mm]

M18 x 1 / L = 72

Thread designation

M18 x 1

Material

Housing: special steel; Interface: TPE

Lens material

PMMA

Display/operating elements

Display

Switching status

1 x LED, yellow

Components

Potentiometer

Accessories

Scope of supply

Fixing nuts: 2

Note

Note

According to cULus operating voltage "Power supply class 2".

Packing unit

1 piece

Electrical connection

Connector: 1 x M12; Translator: A

Connector: 1 x M12; Translator: A

