



Diffuse photoelectric switch OGT200

URL: <https://www.sxplc.com/diffuse-photoelectric-switch-ogt200>

Product data sheet

Product Characteristics

Light Type

Red light

Housing

Threaded construction

Application

Functional principle

Diffuse photoelectric switch

Electrical data

Operating voltage [V]

10.... 36 DC; (according to cULus - Class 2)

Current loss [mA]

20

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]

800

Short-circuit protection

Yes

Short-circuit protection type

Pulse

Overload protection

Yes

Monitoring range

Detection distance [mm]

2.... .600; (white paper 200 x 200 mm 90 % reflection)

Setting range [mm]

150.... .600

Detection distance can be set

yes

Max. spot diameter [mm]

50

Spot size reference

At maximum detection distance

Operating conditions

Ambient temperature [°C]

-25.... .60

Enclosure protection class

IP 65

Certificates/Tests

EMC Electromagnetic Compatibility

EN 60947-5-2

MTTF [years]

428

Mechanical Technical Data

Weight [g]

53.6

Housing

Threaded construction

Dimensions [mm]

M18 x 1 / L = 72

Thread designation

M18 x 1

Material

Housing: Stainless steel (1.4404 / 316L); 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

Packing unit

1 piece

Electrical connection

Connector: 1 x M12; Translator: A

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