



## **sensor-OGT100**

URL:<https://www.sxplc.com/sensor-ogt100>

### **Product data sheet**

Product characteristics

Type of light

red light

Housing

Threaded type

Application

Function principle

Diffuse reflection sensor

Electrical data

Operating voltage [V]

10...30 DC

Current consumption [mA]

20

Protection class

III

Reverse polarity protection

yes

Type of light

red light

Wave length [nm]

645

Outputs

Electrical design

PNP

Output function

light-on mode

Max. voltage drop switching output DC [V]

2.5

Permanent current rating of switching output DC [mA]

200

Switching frequency DC [Hz]

1000

Short-circuit protection

yes

Overload protection

yes

Monitoring range

Range [mm]

10...400; (white paper 200 x 200 mm 90 % remission)

Setting range [mm]

70...400

Range adjustable

yes

Max. light spot diameter [mm]

25

Light spot dimensions refer to

at maximum range

Operating conditions

Ambient temperature [°C]

-25...60

Protection

IP 65; (in conjunction with a corresponding connector)

Tests / approvals

EMC

EN 60947-5-2

MTTF [years]

901

Mechanical data

Weight [g]

14.8

Housing

Threaded type

Dimensions [mm]

M18 x 1 / L = 44

Thread designation

M18 x 1

Material

housing: ABS

Lens material

PMMA

