

transmitter in lower lens, Receiver in upper lens



Product characteristics
Diffuse reflection sensor

Cube

Connector

Background suppression

Range 200mm (Range referred to white paper 200 x 200 mm, 90 % remission)

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...30 DC

Current consumption [mA]

30

Type of light

Red light 624 nm

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

150; 200 (...60 °C)

Short-circuit protection

pulsed

Overload protection

yes

Switching frequency [Hz]

1000

Range

Range [mm]

200 (Range referred to white paper 200 x 200 mm, 90 % remission)

Light spot diameter [mm]

13 (at maximum range)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67 / IP 68 / IP 69K

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

856

Mechanical data

Housing materials

1.4542; PEI

Lens material

PEI

Weight [kg]

0.082

Displays / operating elements

Output status indication LED

yellow

Operation LED

green

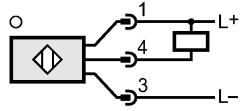
Electrical connection

Connection

M12 connector

Wiring

OGH383 - Diffuse reflection sensor - eclass: 27270904 / 27-27-09-04



Accessories

Accessories (included)

1 stainless steel lock nut

Remarks

Remarks

cULus - Class 2 source required

Pack quantity

[piece]

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