

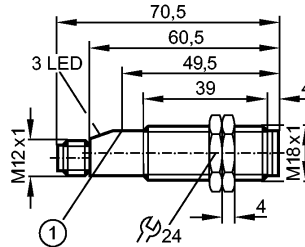
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**efector200**  
 OG5099



OGH-FNKG/V4A/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Diffuse reflection sensor

Threaded type

M18 x 1

Quick disconnect

Background suppression

gold-plated contacts

Range 30...130mm (Range referred to white paper 200 x 200 mm, 90 % remission)

adjustable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...36 DC

Current consumption [mA]

< 60

Type of light

red light 660 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

150; 200 (...60 °C)

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

250

Monitoring range

Range [mm]

30...130 (Range referred to white paper 200 x 200 mm, 90 % remission)

Light spot diameter [mm]

12 ( at maximum range )

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

Mechanical data

Housing materials

stainless steel 316L / 1.4404; PBT

Lens material

PMMA

Weight [kg]

0.072

Displays / operating elements

Output status indication

LED

yellow

Power

LED

green

Function display

LED

red

**OG5099 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03**

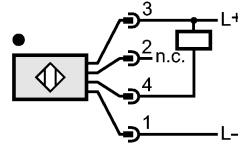
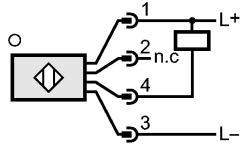
Electrical connection

Connection

M12 connector; gold-plated contacts

**Wiring**

n.c. = not connected



Accessories

Accessories (included)

2 lock nuts

Remarks

Remarks

cULus - Class 2 source required

Pack quantity

[piece]

1

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