

Alternative article: OGP200 or OGP201 or OGP500

When selecting an alternative article and accessories please note that technical data may differ!

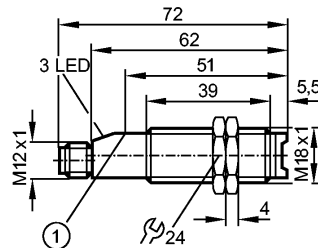
efector200

OG5086



OGP-FPKG/B1/V4A/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Retro-reflective sensor

Threaded type

M18 x 1

Quick disconnect

Polarization filter

Function check output

gold-plated contacts

Sensing range 3m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

< 32

Type of light

red light 660 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop

- Switching output [V]

< 2.5

- Function check output [V]

< 3.5

Current rating

- Switching output [mA]

200

- Function check output [mA]

10

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

500

Monitoring range

Sensing range [m]

3 (Prismatic reflector Ø 80 (E20005))

Light spot diameter [mm]

< 262 (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

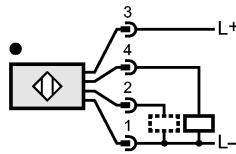
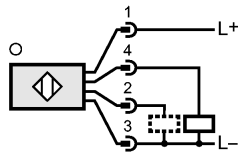
Lens material

PMMA

OG5086 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Weight	[kg]	0.073
Displays / operating elements		
Output status indication	LED	yellow
Power	LED	green
Function display	LED	red
Electrical connection		
Connection		M12 connector; gold-plated contacts

Wiring



2: function check

Accessories		
Accessories (included)		2 lock nuts
Remarks		
Pack quantity	[piece]	1

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