

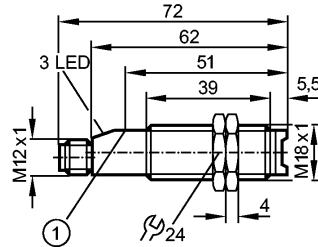
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efector200
 OG5085



OGT-FPKG/V4A/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Diffuse reflection sensor

Threaded type

M18 x 1

Quick disconnect

Function check output

gold-plated contacts

Range 1...600mm (referred to white paper 200 x 200 mm)

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

< 32

Type of light

Infrared light 880 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

Range [mm]

1...600 (referred to white paper 200 x 200 mm)

Light spot diameter [mm]

< 169 (at maximum range)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Housing materials

stainless steel 316L / 1.4404; PBT

Lens material

PMMA

Weight [kg]

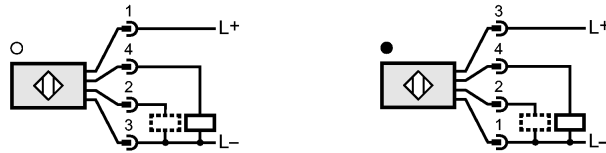
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Displays / operating elements

OG5085 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Output status indication	LED	yellow
Power	LED	green
Function display	LED	red
Electrical 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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