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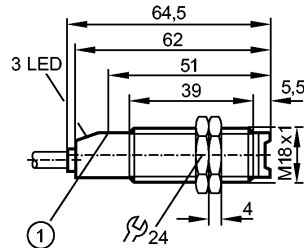
efector200

OG5082



OGT-FNKG

Photoelectric sensors



1: pushbutton



Product characteristics

Diffuse reflection sensor

Threaded type

M18 x 1

Cable

Range 1...600mm (Range referred to white paper 200 x 200 mm, 90 % remission)

adjustable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...30 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 [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

500

Monitoring range

Range [mm]

1...600 (Range referred to white paper 200 x 200 mm, 90 % remission)

Light spot diameter [mm]

< 169 (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

PBT (Pocan)

Lens material

PMMA

Weight [kg]

0.134

Displays / operating elements

Output status indication LED

yellow

Power LED

green

Function display LED

red

Electrical connection

Connection

PVC cable / 2 m; 3 x 0.34 mm²

Wiring

OG5082 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Core colors

BN brown
 BU blue
 BK black



Accessories

Accessories (included)

2 lock nuts

Remarks

Remarks

cULus - Class 2 source required

Pack quantity

[piece]

1

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