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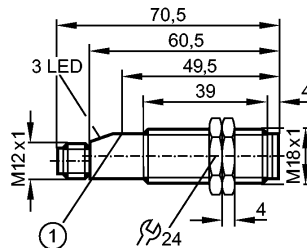
efector200

OG5118



OGP-FPKG/V4A/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Retro-reflective sensor

Threaded type

M18 x 1

Quick disconnect

Polarization filter

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 via pushbutton

Voltage drop [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

500

Monitoring range

Sensing range [m]

3 (Prismatic reflector Ø 80 (E20005))

Range referred to prismatic reflector[m]

Ø 80 0...3

Ø 40 0...1.8

Ø 22 0...0.8

Environment

Ambient temperature [°C]

-25...80

Protection

IP 68 / IP 69K

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

MTTF [Years]

533

Mechanical data

Housing materials

stainless steel 316L / 1.4404; PBT

Lens material

PMMA

Displays / operating elements

Output status indication

LED

yellow

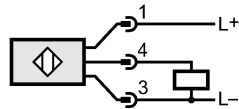
OG5118 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Power LED green

Electrical connection

Connection M12 connector; gold-plated contacts

Wiring



Accessories

Accessories (included) 2 lock nuts

Remarks

Pack quantity [piece] 1

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