

Product characteristics

Retro-reflective sensor

Threaded type

M30 x 1.5

Quick disconnect

Sensing range 4m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

30 (24 V)

Type of light

Infrared light 950 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

65

Monitoring range

Sensing range [m]

4 (Prismatic reflector Ø 80 (E20005))

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

Mechanical data

Housing materials

PBT; modified PPO

Lens material

PMMA

Displays / operating elements

Output status indication LED

yellow

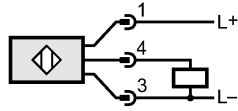
Electrical connection

Connection

M12 connector

**Wiring**

**OI8505 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02**



Accessories

Accessories (included)

2 lock nuts; screwdriver

Remarks

Pack quantity

[piece]

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