

Product characteristics

Retro-reflective sensor

Threaded type

M18 x 1

Quick disconnect

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

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

10 (24 V)

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

dark-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

160

Monitoring range

Sensing range [m]

3 (Prismatic reflector Ø 80 (E20005))

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

MTTF [Years]

826

Mechanical data

Housing materials

brass nickel-plated

Lens material

PMMA

Weight [kg]

0.085

Displays / operating elements

Output status indication LED

yellow

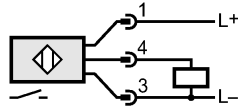
Electrical connection

Connection

M12 connector

Wiring

OG5027 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1