

- 1: potentiometer timer
- 2: potentiometer sensitivity

Receiver in upper lens, transmitter in lower lens



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Terminals

Sensing range 10m (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]

100

Monitoring range

Sensing range [m]

10 (Prismatic reflector Ø 80 (E20005))

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

632

Mechanical data

Housing materials

modified PPO

Lens material

glass

Weight [kg]

0.27

Displays / operating elements

Output status indication

LED

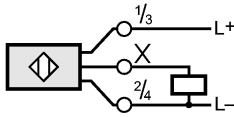
yellow

Electrical connection

# OS5016 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Connection terminals up to 1.5 mm<sup>2</sup>; cable diameter 5...10 mm, cable gland M20 x 1.5

## Wiring



## Accessories

Accessories (included) Angle bracket; E20210; screwdriver

## Remarks

Pack quantity [piece] 1