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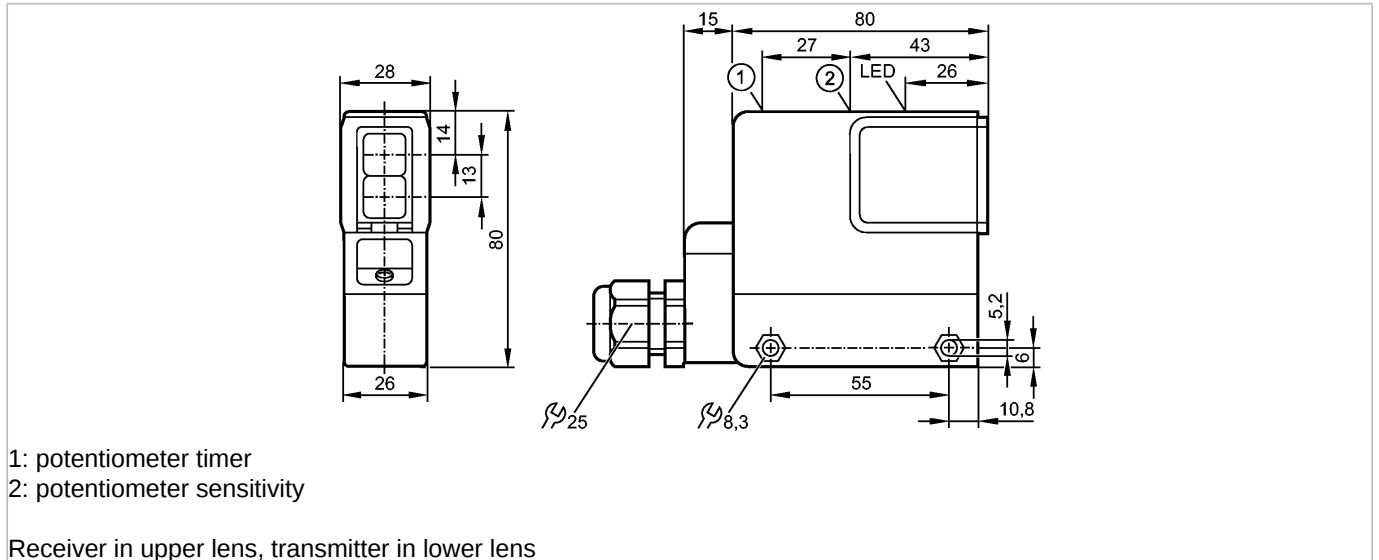
**efector200**

OS5027



OST-FPKG/T

Photoelectric sensors



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Terminals

Range 1000mm (referred to white paper 200 x 200 mm)

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

30 (24 V)

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]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

40

Timer [s]

0.01...5

Monitoring range

Range [mm]

1000 (referred to white paper 200 x 200 mm)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

475

Mechanical data

Housing materials

modified PPO

Lens material

glass

Weight [kg]

0.274

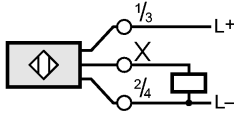
Displays / operating elements

# OS5027 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Output status indication LED | yellow

Electrical connection  
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

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