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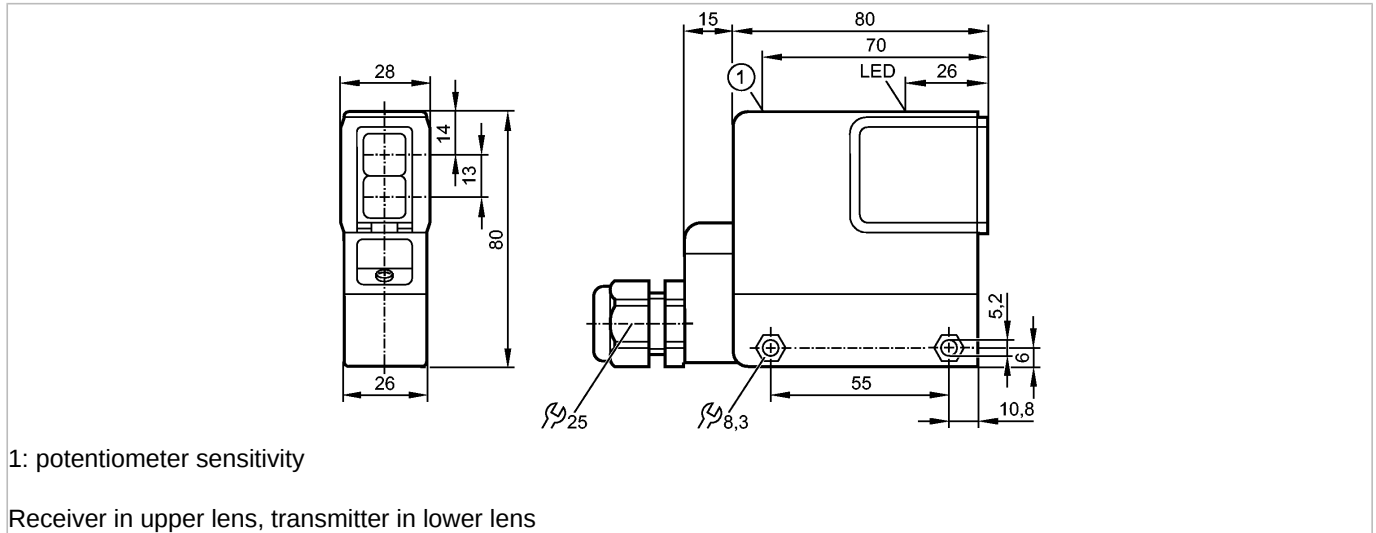
efector200

OS5029



OSN-FPKG

Photoelectric sensors



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Terminals

Short ranges

Range 220mm (referred to white paper 200 x 200 mm)

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]

100

Monitoring range

Range [mm]

220 (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]

639

Mechanical data

Housing materials

modified PPO

Lens material

glass

Weight [kg]

0.27

Displays / operating elements

Output status indication

LED

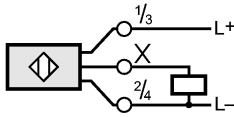
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Electrical connection

OS5029 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Connection terminals up to 1.5 mm²; 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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