

1: potentiometer timer  
2: potentiometer sensitivity

Receiver in upper lens



Product characteristics

Through-beam sensor

Rectangular, plastics

Terminals

Receiver

Sensing range 20m

adjustable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [m]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

DC PNP

10...55 DC

20 (24 V)

Infrared light 880 nm

II

yes

light-on / dark-on programmable

< 2.5

250

yes (non-latching)

yes

100

20

-25...80

IP 65

EN 60947-5-2

EN 55011:

class B

618

modified PPO

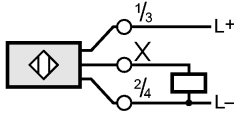
glass

0.272

# OS5013 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

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