

1: Cover

one transmitting diode in upper and lower lens



Product characteristics

Through-beam sensor

Rectangular, plastics

Terminals

Transmitter

Sensing range 50m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Short-circuit protection

Overload protection

Monitoring range

Sensing range [m]

Light spot diameter [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

Power

Electrical connection

DC

10...36 DC

< 50

Infrared light 880 nm

II

yes

yes (non-latching)

yes

50

1500 ( at maximum range )

-25...60

IP 65

EN 60947-5-2

EN 55011:

class B

1367

modified PPO

PMMA

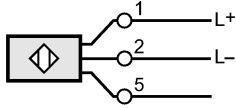
0.275

green

# OA5101 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Connection terminals up to 1.5 mm<sup>2</sup>; cable diameter 4.5...10 mm, cable gland M16 x 1.5

## Wiring



5: Test

Accessories

Accessories (included) Angle bracket; E20514; screwdriver

Remarks

Pack quantity [piece] 1