

Receiver in lower lens, Transmitter in upper lens



Product characteristics  
Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Polarization filter

Sensing range 13.5m (Prismatic reflector Ø 80 (E20005))

Electrical data

Electrical design

AC/DC relay

Operating voltage [V]

24...240 AC/DC (47...63 Hz AC)

Power consumption [VA]

6

Type of light

red light 660 nm

Life expectancy typ. [h]

100000 (25 °C)

Protection class

II

Outputs

Output function

light-on / dark-on programmable

Contact rating

3A / 250 V AC

Short-circuit protection

no

Switching frequency [Hz]

10

Timer [s]

0 / 1 / 5 / 10 / 14

Monitoring range

Sensing range [m]

13.5 (Prismatic reflector Ø 80 (E20005))

Reaction times

Response time [ms]

< 10

Environment

Ambient temperature [°C]

-25...40

Protection

IP 67

Mechanical data

Housing materials

ABS (glass fiber reinforced); connector housing: aluminum transparent anodized

Lens material

PMMA

Weight [kg]

0.044

Displays / operating elements

Output status indication LED

yellow

Power LED

green

Function display LED

red

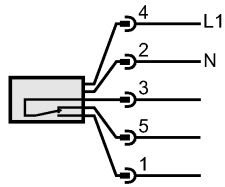
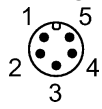
Electrical connection

OM0009 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Connection

7/8" connector

**Wiring**



Remarks

Pack quantity

[piece]

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