

Receiver in upper lens, transmitter in lower lens

Product characteristics

Retro-reflective sensor

Rectangular, plastics

Cable

Sensing range 1000mm (Prismatic reflector Ø 80 (E20005))

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

Electrical data

Electrical design

connection to control monitors OV5012 or OV0010

Type of light

Infrared light 950 nm

Reverse polarity protection

no

Outputs

Short-circuit protection

no

Overload protection

no

Monitoring range

Sensing range [m]

1 (Prismatic reflector Ø 80 (E20005))

Range referred to prismatic reflector[m]

Ø 80 0.3...1  
Ø 40 -  
Ø 22 -

Range [mm]

200 (referred to white paper 200 x 200 mm)

Environment

Ambient temperature [°C]

-20...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

26548

Mechanical data

Housing materials

modified PPO

Weight [kg]

0.078

Electrical connection

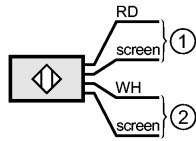
Connection

screened cable / 2 m; 2 x 0.14 mm<sup>2</sup>

**Wiring**

**OR0004 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02**

Core colors  
RD red  
WH white  
screen screen



1 = Transmitter  
2 = Receiver

Accessories

Accessories (included)

Angle bracket; E20212

Remarks

Pack quantity

[piece]

1