

Product characteristics

Retro-reflective sensor

Threaded type

M8 x 1

Cable

Sensing range 200mm (Prismatic reflector Ø 80 (E20005))

Range 15mm (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

Protection class

III

Reverse polarity protection

no

Outputs

Short-circuit protection

no

Overload protection

no

Monitoring range

Sensing range [m]

0.2 (Prismatic reflector Ø 80 (E20005))

Range referred to prismatic reflector[m]

Ø 80 0.03...0.2
 Ø 40 0.03...0.12
 Ø 22 0.03...0.05

Range [mm]

15 (referred to white paper 200 x 200 mm)

Environment

Ambient temperature [°C]

0...70

Protection

IP 61

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

5623

Mechanical data

Housing materials

brass nickel-plated

Weight [kg]

0.072

Electrical connection

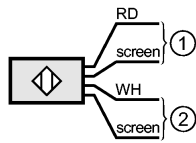
Connection

screened cable / 2 m; 2 x 0.14 mm²

Wiring

OE0004 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Core colors
 RD red
 WH white
 screen screen



1 = Transmitter
 2 = Receiver

Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1