

1: When a M5 mounting screw is used, the max. tightening torque is 2 Nm.

Receiver in upper lens, transmitter in lower lens



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Polarization filter

Sensing range 0.1...7m (Prismatic reflector Ø 80 (E20005))

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

20

Type of light

red light 624 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

1000

Monitoring range

Sensing range [m]

0.1...7 (Prismatic reflector Ø 80 (E20005))

Range referred to prismatic reflector[m]

Ø 80 mm 0.1...7

50 x 50 mm 0.1...7

Light spot diameter [mm]

175 ( at maximum range )

Environment

Ambient temperature [°C]

-25...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

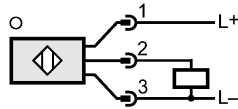
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**O5P201 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02**

Mechanical data

Housing materials	housing: PA; Front framework: high-grade stainless steel; operator interface: TPE
Lens material	PMMA
Weight [kg]	0.062
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	M12 connector

**Wiring**



Remarks

Remarks	cULus - Class 2 source required
Pack quantity [piece]	1