

Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Side sensing

Sensing range 1.8m (Prismatic reflector Ø 80 (E20005))

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 20

Type of light

red light

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

dark-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]

1.8 (Prismatic reflector Ø 80 (E20005))

Light spot diameter [mm]

64 (at maximum range)

Environment

Ambient temperature [°C]

-25...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF

[Years]

905

Mechanical data

Housing materials

ABS; SEPS

Lens material

PMMA

Weight

[kg]

0.016

Displays / operating elements

Output status indication

LED

yellow

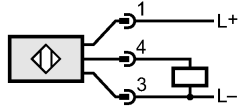
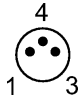
Electrical connection

OJR200 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Connection

M8 connector

Wiring



Remarks

Remarks

cULus - Class 2 source required

Pack quantity

[piece]

1