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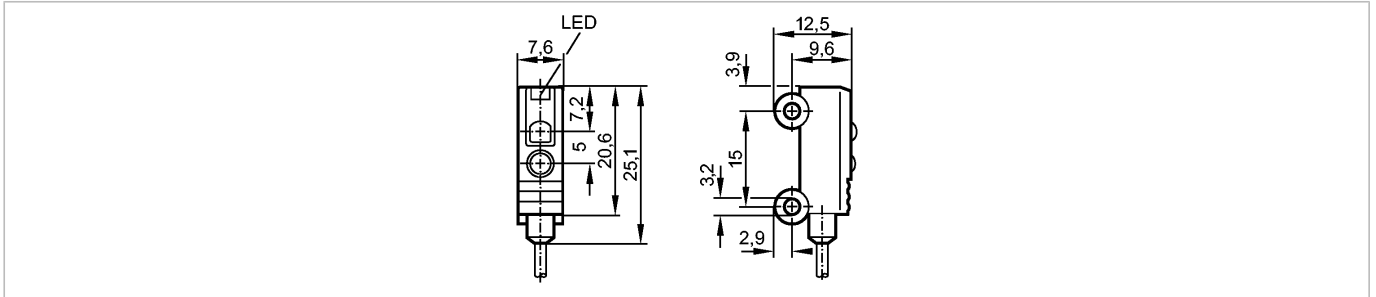
efector200

OH5005



OHN-HPKG/0.20M/AS

Photoelectric sensors



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Cable with connector

Range 2...50mm (Range referred to white paper 200 x 200 mm, 90 % remission)

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 20

Type of light

red light

Life expectancy typ. [h]

75000 (25 °C)

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on mode

Current rating [mA]

50

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

800

Monitoring range

Range [mm]

2...50 (Range referred to white paper 200 x 200 mm, 90 % remission)

Light spot diameter [mm]

3.5 (at maximum range)

Reaction times

Response time [ms]

< 0.6

Environment

Ambient temperature [°C]

-20...50

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Housing materials

ABS

Lens material

PMMA

Weight [kg]

0.015

Displays / operating elements

Output status indication LED

yellow (permanently lit)

Unsafe zone LED

yellow (flashing)

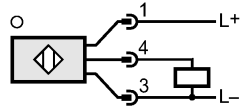
Electrical connection

Connection

PVC cable / 0.2 m; with M8 connector

Wiring

OH5005 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03



Remarks

Pack quantity [piece] 1

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