

Product characteristics
Diffuse reflection sensor

M30 x 1.5

Terminals

Range 150mm (Range referred to white paper 200 x 200 mm, 90 % remission)

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

30 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

pulsed

Overload protection

yes

Switching frequency [Hz]

100

Range

Range [mm]

150 (Range referred to white paper 200 x 200 mm, 90 % remission)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

MTTF [Years]

659

Mechanical data

Housing materials

PBT; modified PPO

Lens material

PMMA

Weight [kg]

0.12

Displays / operating elements

Output status indication LED

yellow

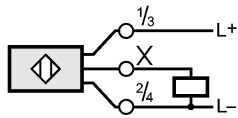
Electrical connection

Connection

terminals up to 1.5 mm²; cable diameter 7...13 mm, cable gland M20 x 1.5

Wiring

OI5005 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03



Accessories

Accessories (included)

2 lock nuts; screwdriver

Remarks

Pack quantity

[piece]

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