

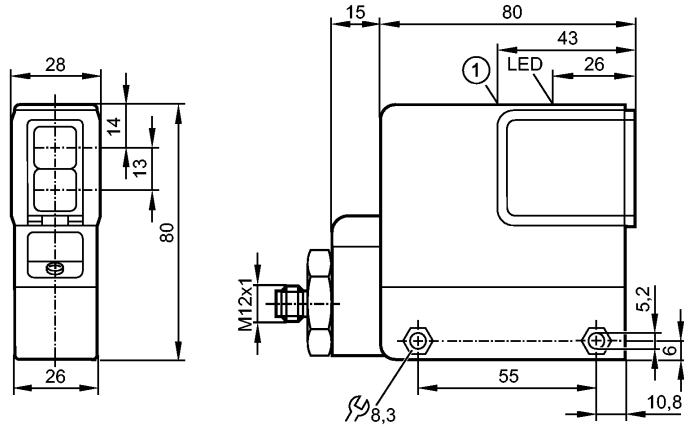
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efector200

OS8502



Photoelectric sensors



1: potentiometer sensitivity

Receiver in upper lens

Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Receiver

Sensing range 20m

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

20 (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

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

100

Monitoring range

Sensing range [m]

20

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

Mechanical data

Housing materials

modified PPO

Lens material

glass

Displays / operating elements

Output status indication LED

yellow

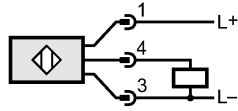
Electrical connection

Connection

M12 connector

Wiring

OS8502 - Through-beam sensor - eclass: 27270901 / 27-27-09-01



Accessories

Accessories (included)

Angle bracket; screwdriver

Remarks

Pack quantity

[piece]

1

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