

Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Receiver

Sensing range 50m

adjustable

Electrical data

Electrical design

DC PNP/NPN

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 80

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop

- Switching output [V]

< 2

- Function check output [V]

< 2

Current rating

- Switching output [mA]

100

- Function check output [mA]

100

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

500

Monitoring range

Sensing range [m]

50

Reaction times

Response time [ms]

< 1

Environment

Ambient temperature [°C]

-25...40

Protection

IP 67

Tests / approvals

EMC

IEC 1000-4-2/3/4/5/6

Mechanical data

Housing materials

ABS (glass fiber reinforced); connector housing: aluminum transparent anodized

Lens material

PMMA

Weight [kg]

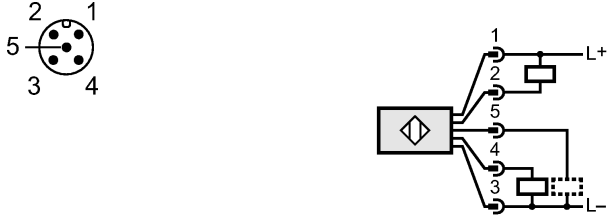
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Displays / operating elements

OM5002 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Output status indication	LED	yellow
Power	LED	green
Function display	LED	red
Electrical connection		
Connection	M12 connector	

Wiring



5: function check

Remarks

Pack quantity	[piece]	1
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