

1: pushbutton



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Visible laser light, LASER CLASS 1

Side sensing

Transmitter

Sensing range 1m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Life expectancy typ. [h]

Protection class

Reverse polarity protection

Outputs

Overload protection

Monitoring range

Sensing range [m]

Light spot diameter [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

Power LED

DC

10...30 DC

< 12

red light 650 nm

50000

III

yes

yes

1

< 4 ( at maximum range )

-10...60

IP 67

EN 60947-5-2

918

housing: ABS; LED window: SEPS; pushbutton: SEPS

glass

0.042

green

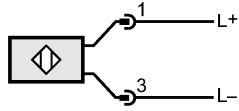
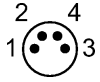
**OJ5141 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**

Electrical connection

Connection

M8 connector

**Wiring**



Accessories

Accessories (included)

2 mounting screws; 2 spring washers; 2 nuts

Remarks

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Laser light  
 CLASS 1 LASER PRODUCT  
 IEC 60825-1 : 2007  
 complies with 21 CFR 1040.10 except for deviations  
 pursuant to Laser Notice No. 50, dated June 2007  
 cULus - Class 2 source required

Pack quantity

[piece]

1