

1: pushbutton



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Electronic lock

Visible laser light, LASER CLASS 1

External teach function

Side sensing

Receiver

Sensing range 1m

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 12

Type of light

red light 650 nm

Life expectancy typ. [h]

50000

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

1200

Monitoring range

Sensing range [m]

1

Smallest detectable object [mm]

Ø 0.8

Environment

Ambient temperature [°C]

-10...60

Protection

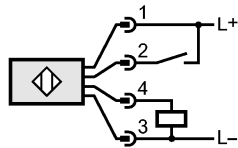
IP 67

Tests / approvals

**OJ5142 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**

EMC		EN 60947-5-2
MTTF	[Years]	952
Mechanical data		
Housing materials		housing: ABS; LED window: SEPS; pushbutton: SEPS
Lens material		glass
Weight	[kg]	0.041
Displays / operating elements		
Output status indication	LED	yellow
Power	LED	green
Function display	LED	red
Electrical connection		
Connection		M8 connector

**Wiring**



2: Teach

Accessories		
Accessories (included)		2 mounting screws; 2 spring washers; 2 nuts
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity	[piece]	1