

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]

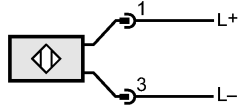
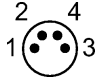
Displays / operating elements

	DC
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
Overload protection	yes
Sensing range [m]	1
Light spot diameter [mm]	< 4 ( at maximum range )
Ambient temperature [°C]	-10...60
Protection	IP 67
EMC	EN 60947-5-2
MTTF [Years]	918
Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Weight [kg]	0.045

**OJ5041 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**

Power	LED	green
Electrical connection		
Connection		M8 connector

**Wiring**



Accessories		
Accessories (included)		Basic clip; E20964; 2 mounting screws; M3 x 16; 2 spring washers; 2 nuts
Remarks		
Remarks		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