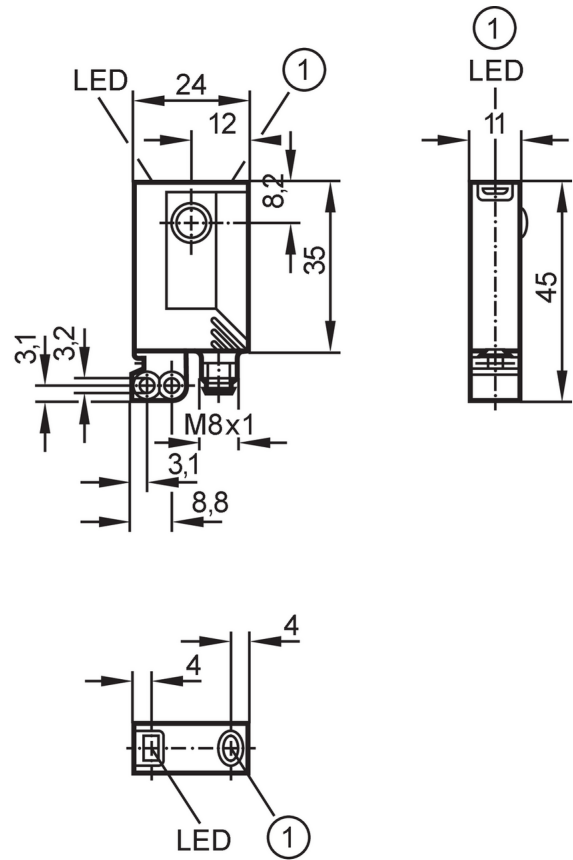




Through-beam laser sensor transmitter

OJSLOOKG/FO/AS



1 pushbutton



Product characteristics		
Type of light		red light
Laser protection class		1
Housing		rectangular
Application		
Function principle		Through-beam sensor
Application		For applications in robotics, assembly and handling technology
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 12
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	650
Typ. lifetime	[h]	50000
Outputs		
Overload protection		yes
Monitoring range		
Transmitter / receiver		transmitter

OJ5016



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Range	[m]	< 15
Range adjustable		no
Max. light spot diameter	[mm]	24
Light spot dimensions refer to		at maximum range
Operating conditions		
Ambient temperature	[°C]	-10...60
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Laser protection class		1
Notes on laser protection	Caution:	Laser light
	laser class:	1
		EN / IEC60825-1:2007
		EN / IEC60825-1:2014
		Complies with 21 CFR 1040.10 except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019.
MTTF	[years]	918
Mechanical data		
Weight	[g]	27.8
Housing		rectangular
Dimensions	[mm]	35 x 24 x 11
Material		housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material		front lens:glass
Lens alignment		Front sensing
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Items supplied		screws: 2 x (M3 x 16 mm)
		Basic clip: 1, E20964
		spring washers: 2
		Nuts: 2
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M8; coding: A; Contacts: 4		

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Connection

