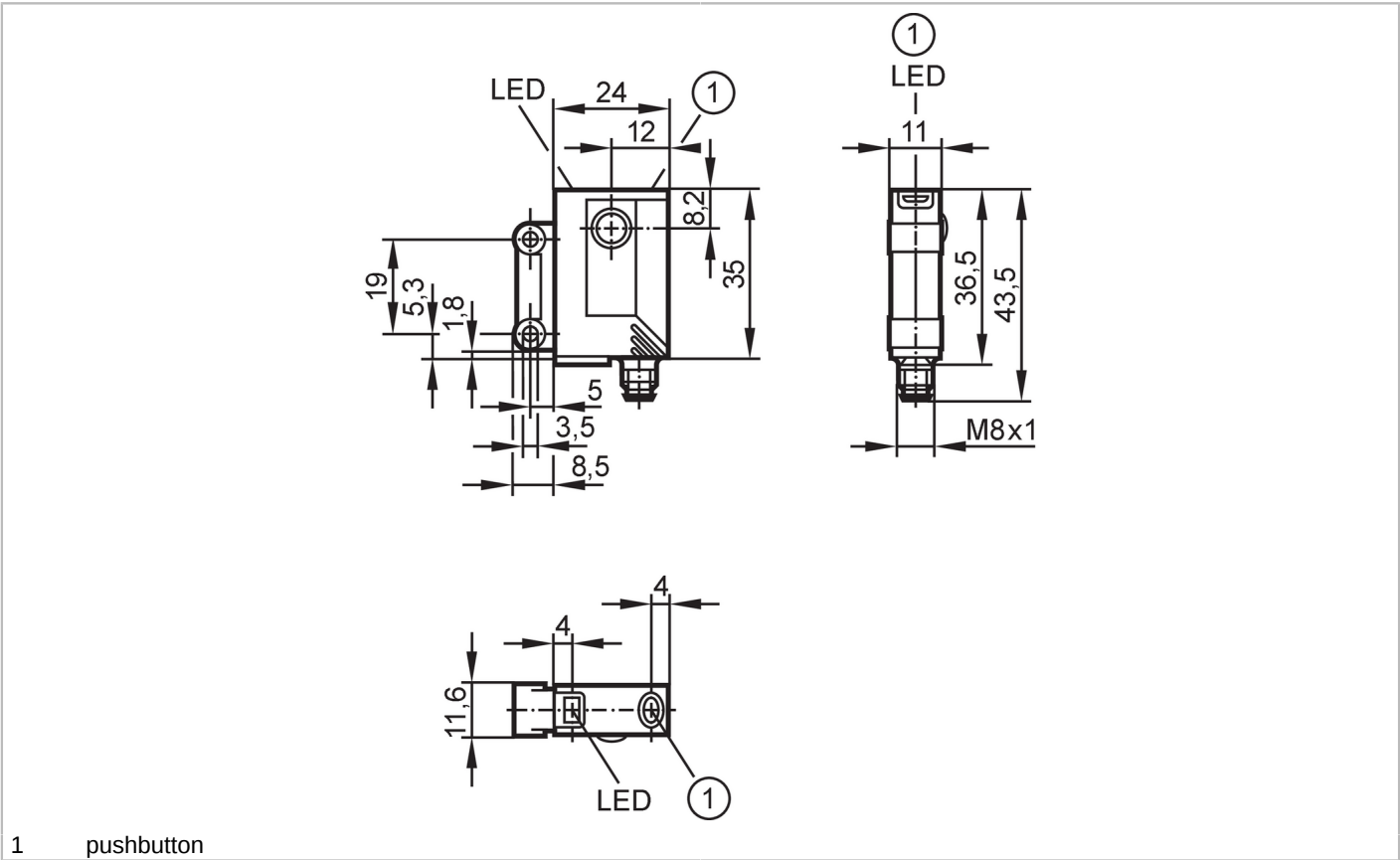




Through-beam laser sensor transmitter

OJSLOOKG/FO/AS



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
Range	[m]	< 15

OJ5116



Through-beam laser sensor transmitter

OJSLOOKG/FO/AS

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]	27.9
Housing	rectangular
Dimensions [mm]	35 x 24 x 11
Material	housing: ABS; 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
	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



OJ5116



Through-beam laser sensor transmitter

OJSLOOKG/FO/AS

Connection

