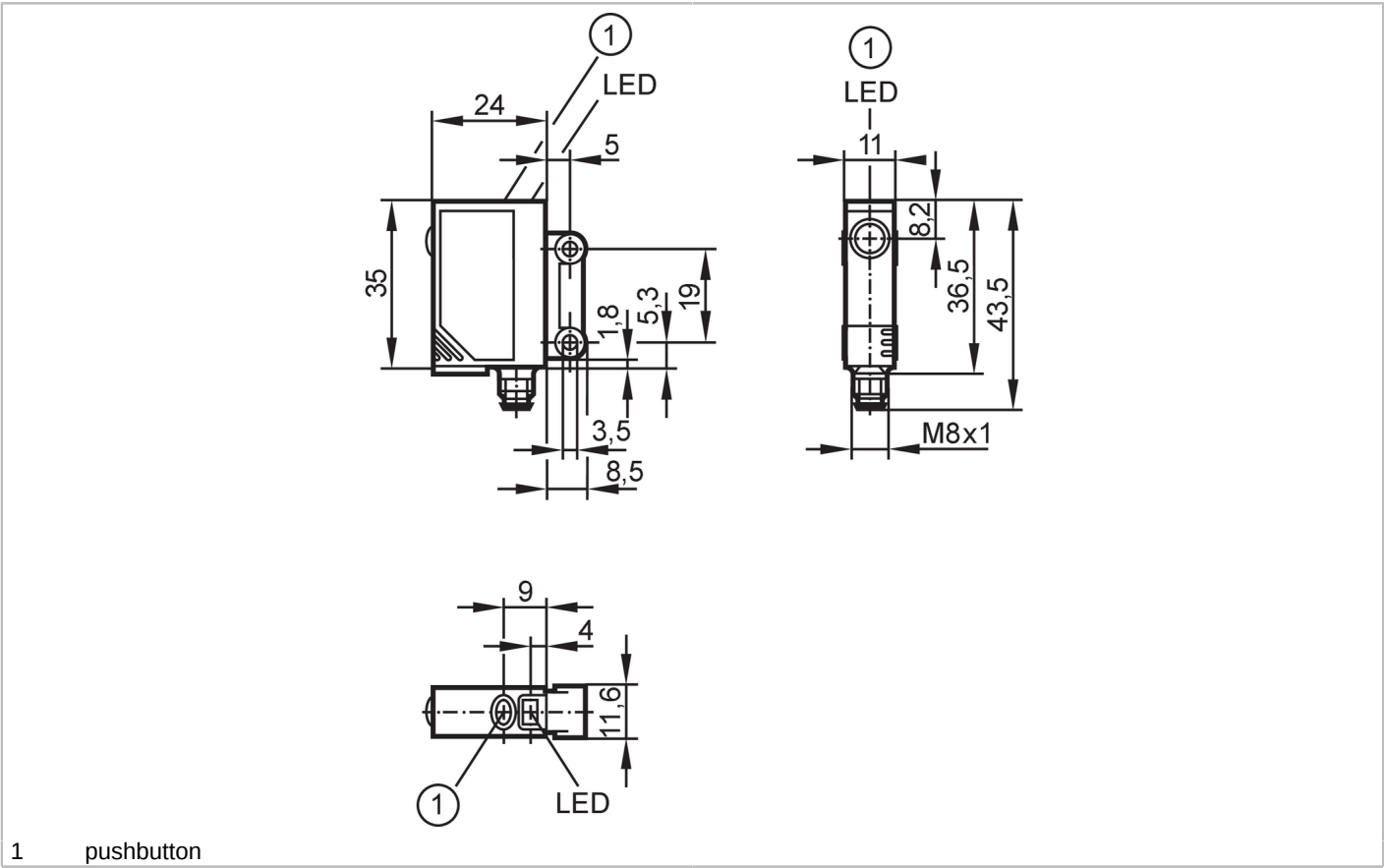




Through-beam laser sensor transmitter

OJSLOOKG/SO/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



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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]	27.6
Housing	rectangular
Dimensions [mm]	35 x 11 x 24
Material	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	front lens:glass
Lens alignment	Side sensing

Displays / operating elements

Display	Power	1 x LED, green
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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



OJ5138



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Connection

