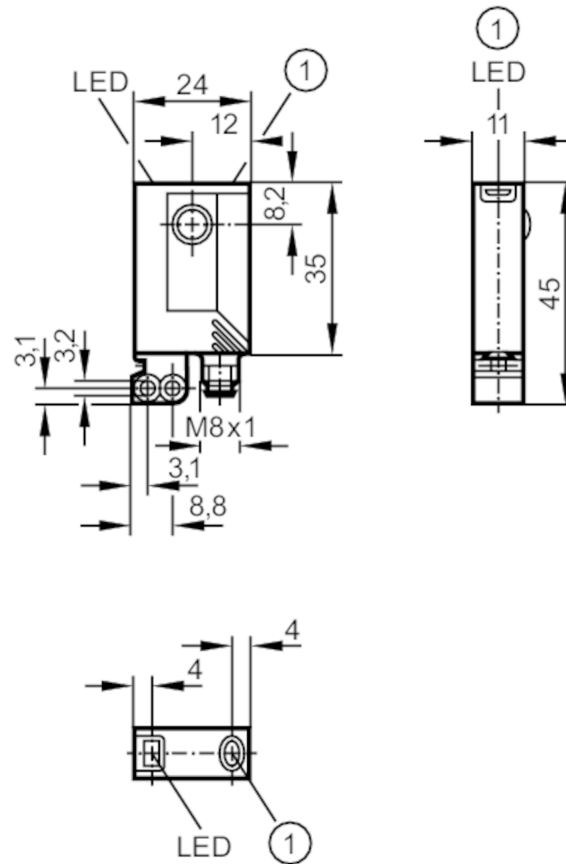


OJ5019



Through-beam laser sensor transmitter

OJSLOOKG/FO/AS



1 pushbutton



Application

Function principle Through-beam sensor

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

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Detection zone	
Transmitter / receiver	transmitter
Range [m]	< 1
Range adjustable	no
Max. light spot diameter [mm]	4
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; (IEC 60825-1 : 2007; Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.)
MTTF [years]	918

Mechanical data	
Weight [g]	44.2
Housing	rectangular
Dimensions [mm]	35 x 24 x 11
Materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Lens alignment	front lens

Displays / operating elements	
Display	operation 1 x LED, green

Accessories	
Accessories (supplied)	Basic clip: 1 x, E20964 screws: 2 x x M3 x 16 spring washers: 2 x Nuts: 2 x

Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection	
Connector:	1 x M8



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Connection

