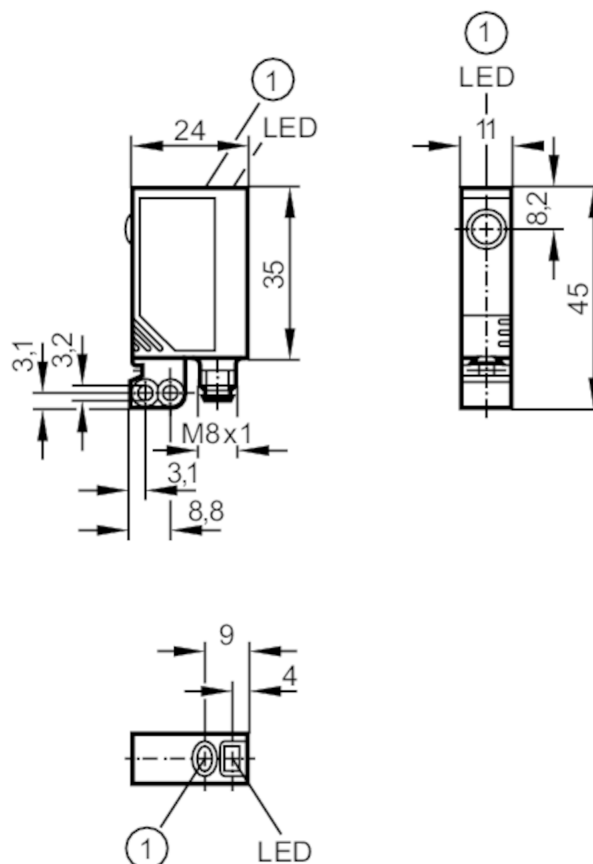


Through-beam sensor receiver

OJELFNKG/SO/AS

Article no longer available - archive entry



1 pushbutton

Product characteristics

Type of light	red light
Laser protection class	2
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 12
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	650
Typ. lifetime [h]	50000

Outputs

Electrical design	NPN
Output function	light-on/dark-on mode; (parameterisable)



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Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1200
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 15
Range adjustable		yes
Diameter of the smallest detectable object	[mm]	2

Operating conditions

Ambient temperature	[°C]	-10...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
Laser protection class		2

Mechanical data

Housing		rectangular
Dimensions	[mm]	35 x 11 x 24
Materials		housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material		glass
Lens alignment		side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Electronic lock		yes

Аксессуары

Items supplied	Basic clip: 1, E20964
	screws: 2 x M3 x 16
	spring washers: 2
	Nuts: 2

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M8; coding: A



Connection

