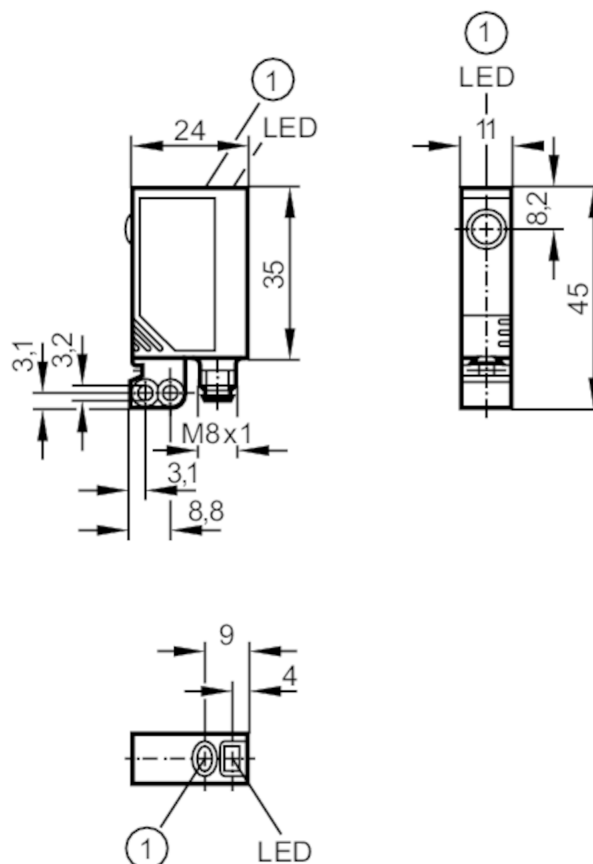


Through-beam sensor receiver

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		
Accessories			
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

