

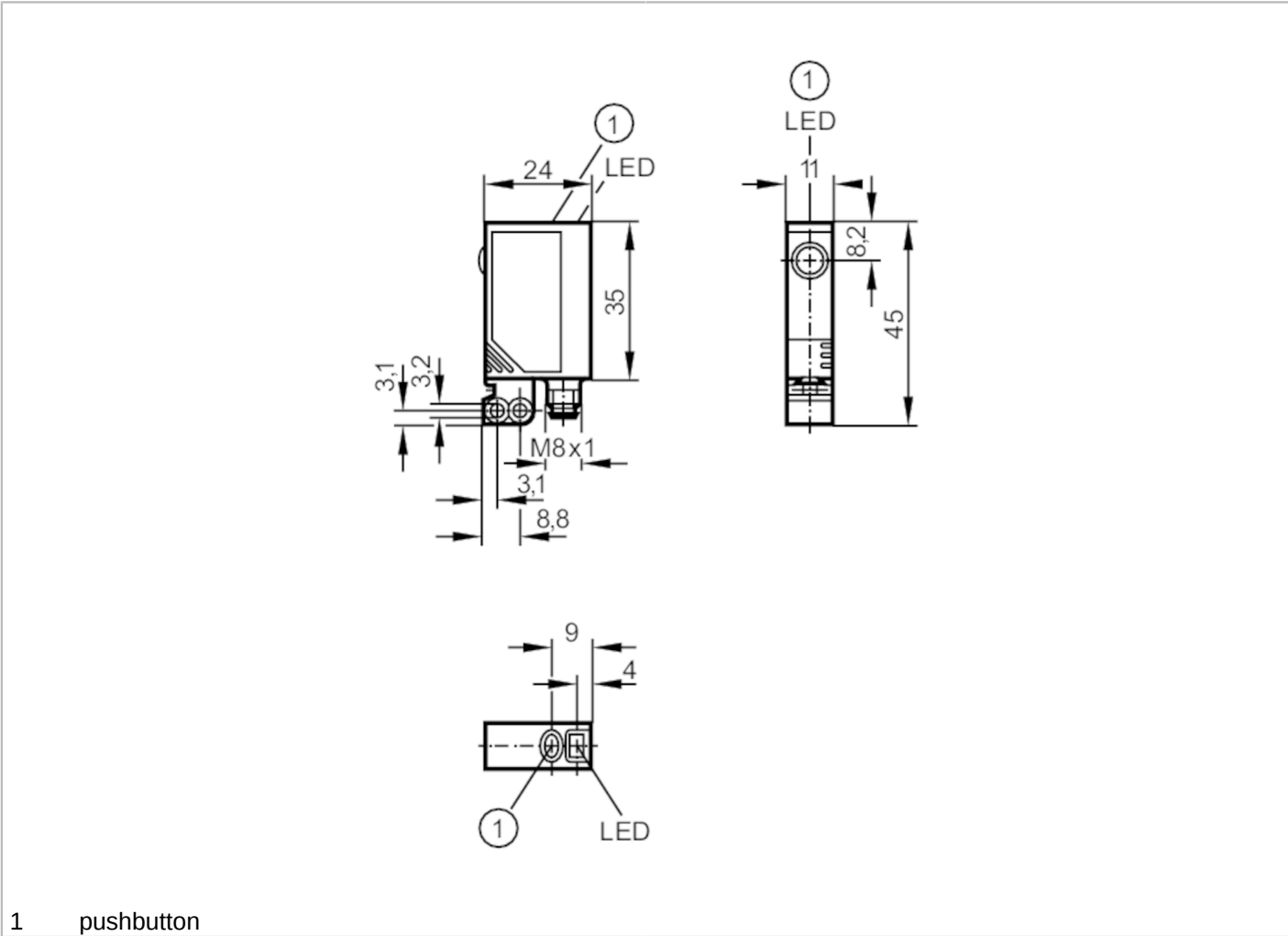


Through-beam sensor receiver

OJE-FNKG/SO/AS

Discontinued article

Alternative articles: O6E207 + O6S203  
When selecting an alternative article and accessories please note that technical data may differ!



1 pushbutton



Product characteristics	
Type of light	red light
Housing	rectangular
Dimensions [mm]	35 x 11 x 24
Application	
Function principle	Through-beam sensor



## Through-beam sensor receiver

OJE-FNKG/SO/AS

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]	660
Outputs		
Electrical design		NPN
Output function		light-on/dark-on mode; (programmable)
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		yes (non-latching)
Overload protection		yes
Monitoring range		
Transmitter / receiver		receiver
Range	[m]	< 10
Range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	1058
Mechanical data		
Weight	[g]	39.4
Housing		rectangular
Dimensions	[mm]	35 x 11 x 24
Material		housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material		glass
Lens alignment		Side sensing
Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red
Electronic lock		yes

OJ5032



Through-beam sensor receiver

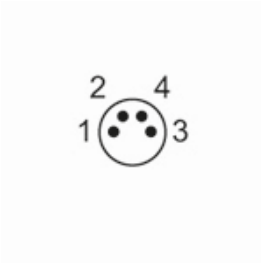
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Accessories	
Items supplied	Basic clip: 1, E20964
	screws: 2 x M3 x 16
	spring washers: 2
	Nuts: 2

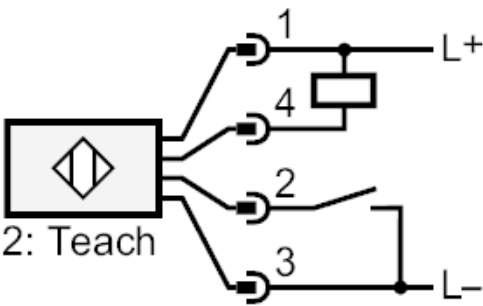
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M8



Connection





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## Diagrams and graphs

excess gain graph

