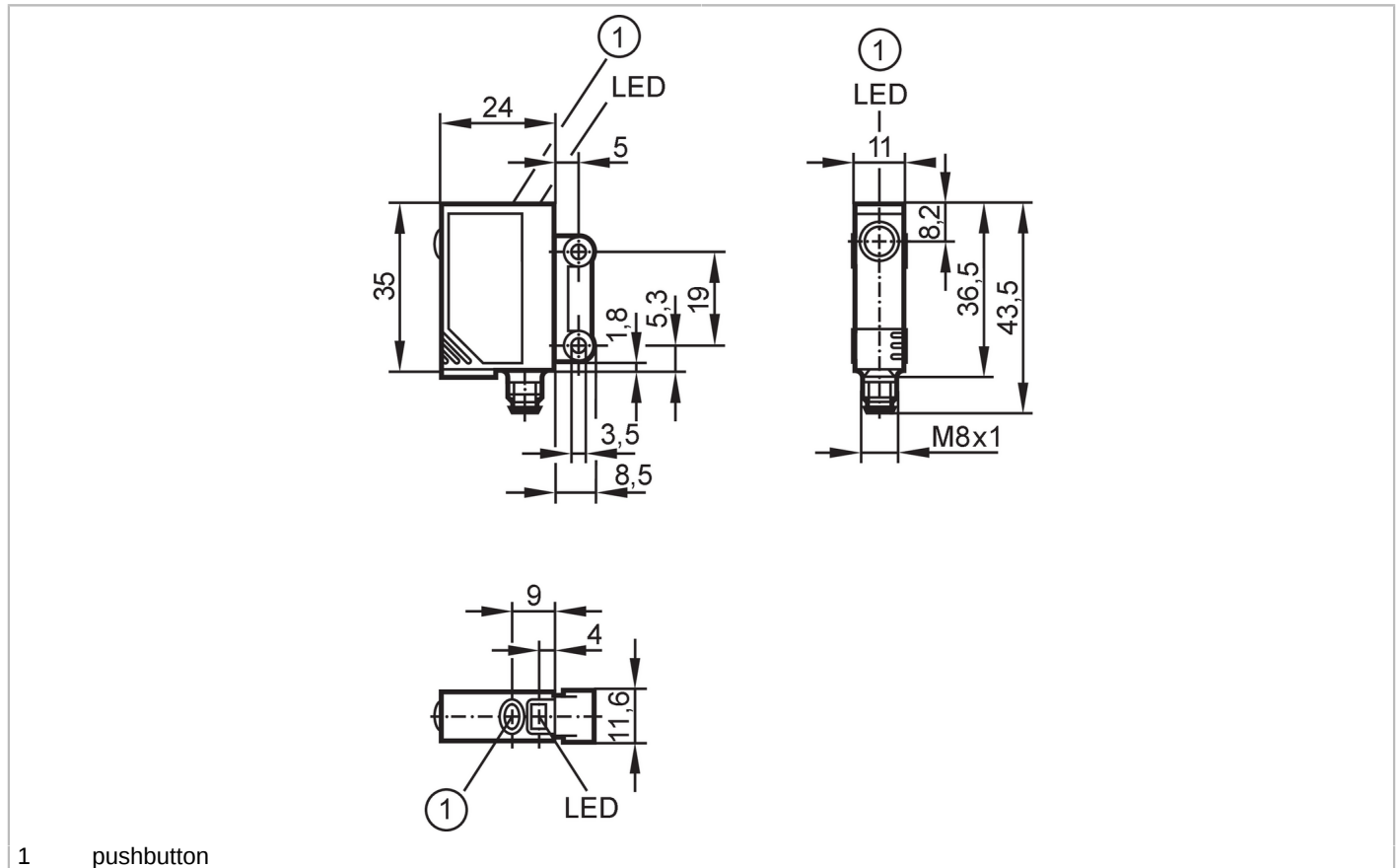


OJ5131



Through-beam sensor receiver

OJE-FPKG/SO/AS



1 pushbutton



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Through-beam sensor
Application	Industrial applications

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	PNP
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

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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]	952

Mechanical data

Weight [g]	26.9
Housing	rectangular
Dimensions [mm]	35 x 11 x 24
Material	housing: ABS; LED window: SEPS; pushbutton: SEPS
Lens material	front lens: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	

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



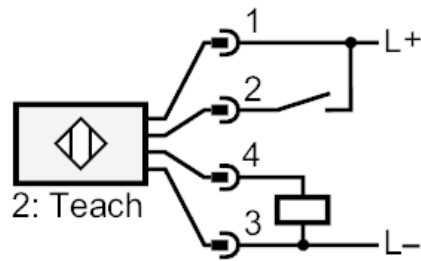
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Connection



2 Teach

Diagrams and graphs

excess gain graph

