

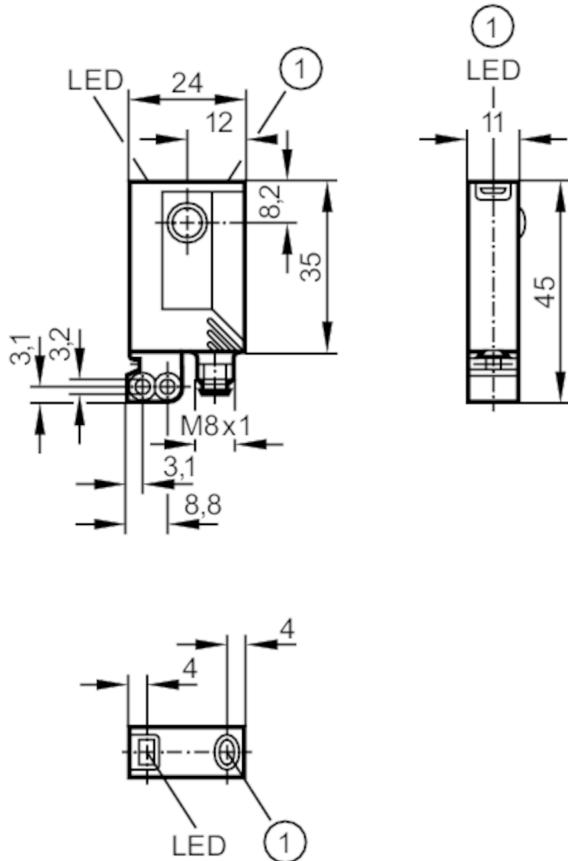
Through-beam sensor receiver

OJE-FNKG/FO/AS

discontinued article

Alternative article: O6E207+O6S203 When selecting an alternative article and accessories

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1 pushbutton



Product characteristics

Type of light		red light
Housing		rectangular
Dimensions [mm]		35 x 24 x 11

Application

Function principle	Through-beam sensor
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OJ5010

Through-beam sensor receiver

OJE-FNKG/FO/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		pulsed
Overload protection		yes
Detection zone		
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]	1023
Mechanical data		
Weight	[g]	39.2
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	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Electronic lock		yes

OJ5010



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Accessories

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

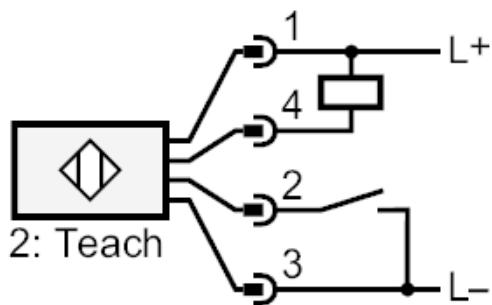
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M8



Connection

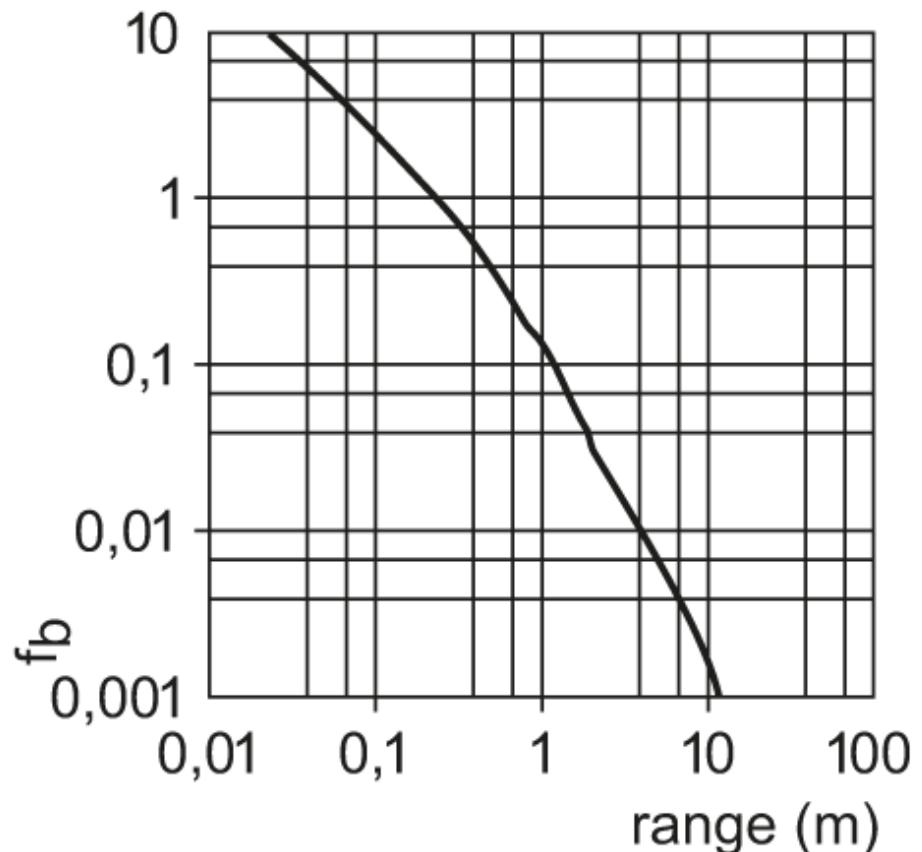


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Diagrams and graphs

excess gain graph



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