

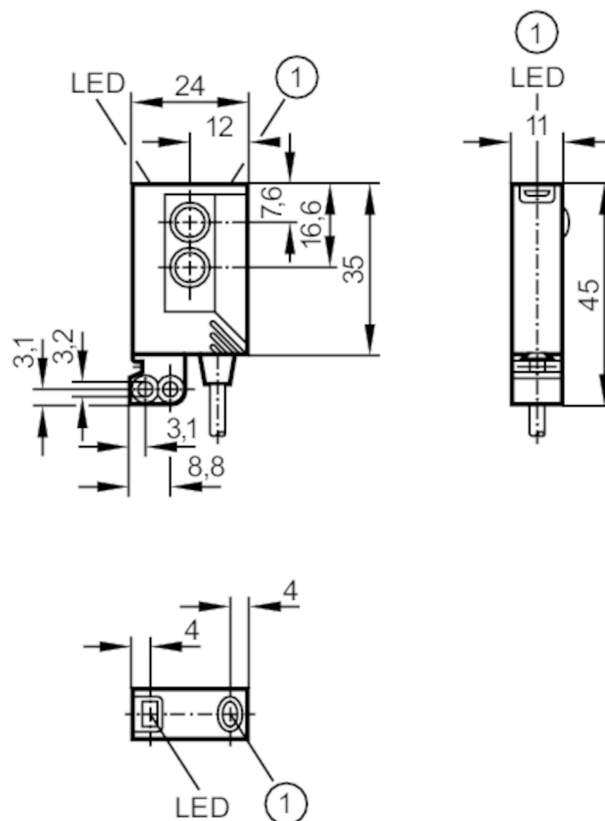
Diffuse reflection sensor

OJB-FPKG/FO

Article no longer available - archive entry

Alternative articles: OJ5061 + E11508 or OJ5100

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

Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 22
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; (parameterisable)



Diffuse reflection sensor

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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]	2000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[mm]	1...600; (white paper 200 x 200 mm 90% remission)
Range adjustable		yes
Max. light spot diameter	[mm]	60
Light spot dimensions refer to		at maximum range

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Weight	[g]	0.074
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

Accessories

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

Remarks

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

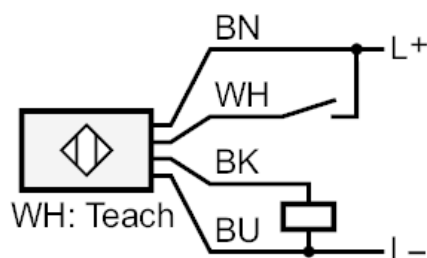
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Electrical connection

Cable: 2 m, PVC; 4 x 0.14 mm²

Connection



Core colours :
 BK = black
 BN = brown
 BU = blue
 WH = white

Diagrams and graphs

excess gain graph

