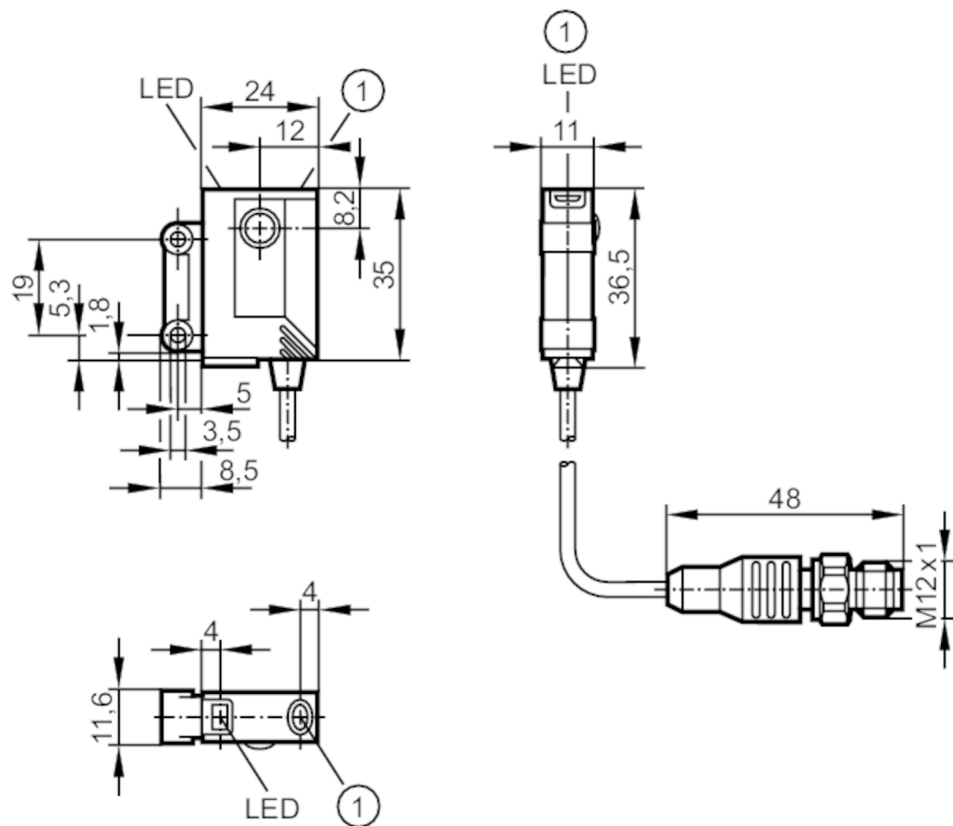




Retro-reflective sensor for the detection of transparent objects

OJPGFPKG/FO/0,15M/US



1 pushbutton



Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

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; (programmable)	
Max. voltage drop switching output DC	[V]	2.5



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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 referred to prismatic reflector	[m]	0.2...1.5; (Prismatic reflector 50 x 50 mm E20722)
Range adjustable		yes
Max. light spot diameter	[mm]	64
Light spot dimensions refer to		at maximum range
Polarisation filter available		yes

Operating conditions		
Ambient temperature	[°C]	0...60
Protection		IP 67

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	867

Mechanical data		
Weight	[g]	41.1
Housing		rectangular
Dimensions	[mm]	35 x 24 x 11
Materials		housing: ABS; 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

Accessories		
Items supplied		screws: 2
		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: 0.15 m, PVC

Connector: 1 x M12; coding: A



Connection

