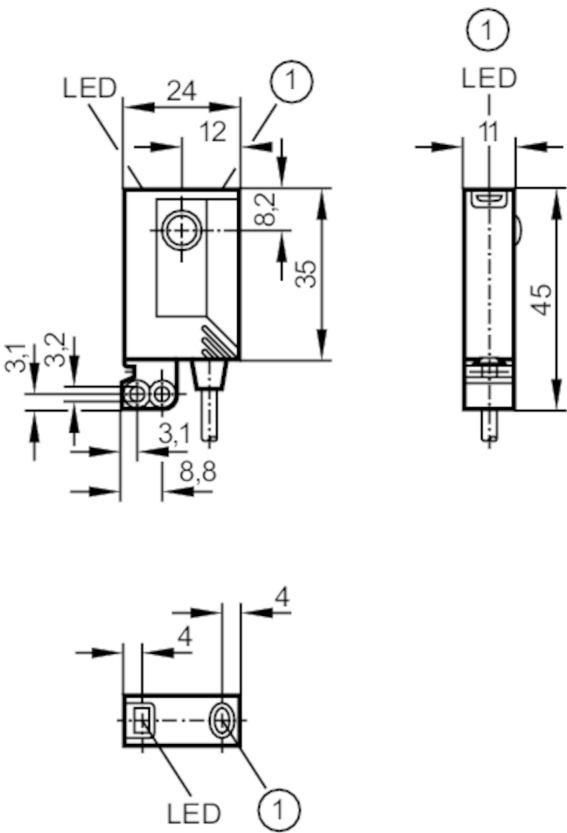




Retro-reflective sensor

OJP-FPKG/FO/0,15M/US



1 pushbutton without function



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Special feature		Gold-plated contacts; 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; (Prismatic reflector Ø 80 E20005)
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]	-25...60
Protection		IP 67

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

Mechanical data		
Weight	[g]	54.3
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.



Retro-reflective sensor

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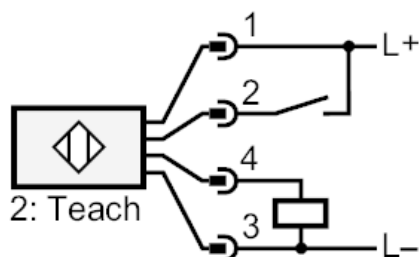
Electrical connection

Cable: 0.15 m, PUR

Connector: 1 x M12; coding: A; Moulded body: Hytrel 8068; Locking: stainless steel (316L/1.4404); Contacts: gold-plated



Connection



2 Teach



Retro-reflective sensor

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Diagrams and graphs

excess gain graph

