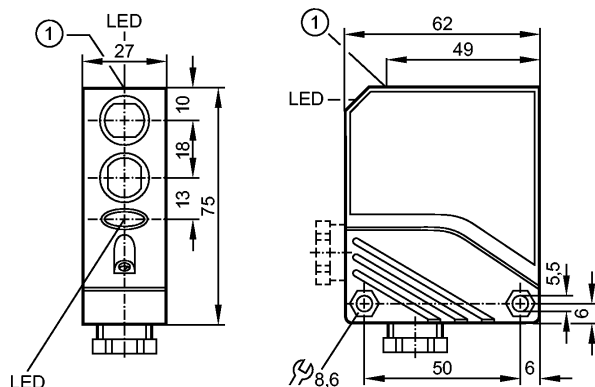


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Alternative article: O5P500 + E11509 + E21122

When selecting an alternative article and accessories please note that technical data may differ!



1: pushbutton



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Terminals

Polarization filter

Sensing range 0.3...5m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	< 37
Type of light	red light 660 nm
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	light-on / dark-on programmable
Voltage drop	
- Switching output [V]	< 2.5
- Function check output [V]	< 3.5
Current rating	
- Switching output [mA]	100
- Function check output [mA]	10
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	500

Monitoring range

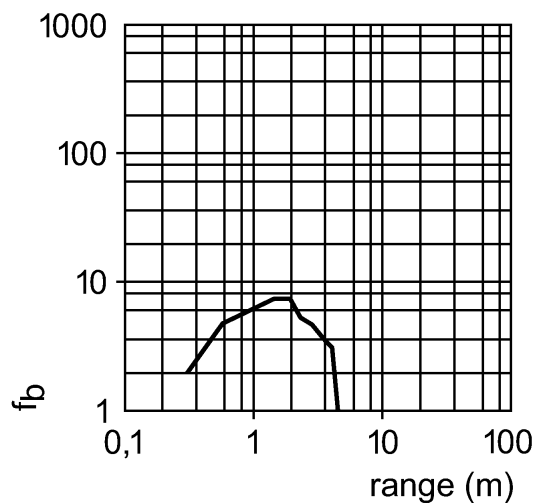
Sensing range [m]	0.3...5 (Prismatic reflector Ø 80 (E20005))
Range referred to prismatic reflector [m]	Ø 80 0.3...5 Ø 40 0.3...3 Ø 22 0.3...2

OL5001

OLP-FPKG

Photoelectric sensors

Light spot diameter [mm] 250 (at maximum range)

Excess gain graphs

Environment

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2 EN 55011:	class B
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Mechanical data

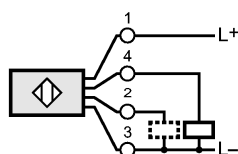
Housing materials	PA; PBT
Lens material	PMMA
Weight	[kg] 0.153

Displays / operating elements

Output status indication	LED	yellow
Power	LED	green
Function display	LED	red

Electrical connection

Connection	terminals up to 1.5 mm ² ; cable diameter 4.5...10 mm, cable gland M16 x 1.5
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Wiring


2: function check

Remarks

Pack quantity	[piece]	1
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