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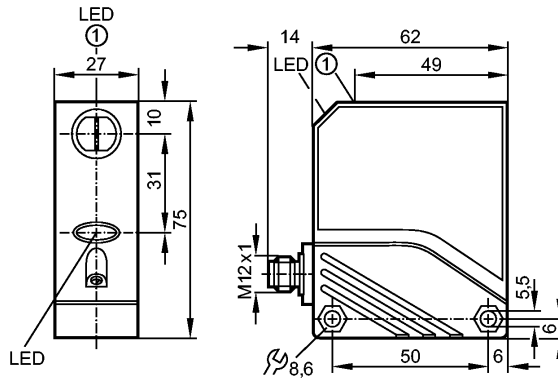
efector200

OL5017



OLE-FPKG/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Function check output

Receiver

Sensing range 25m

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

< 30

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Overvoltage protection [V]

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)

Switching frequency [Hz]

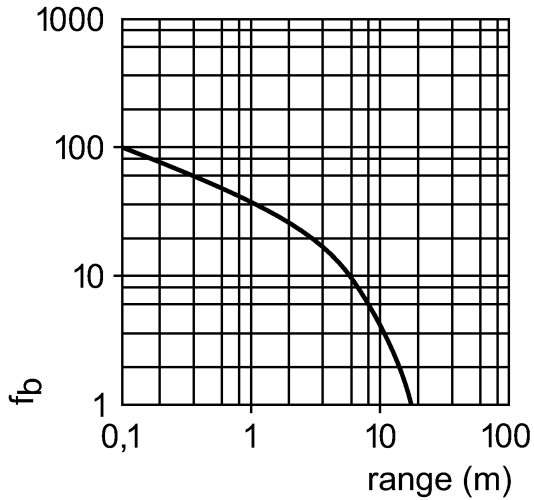
500

Monitoring range

Sensing range [m]

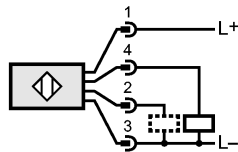
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Excess gain graphs



Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	462
Mechanical data	
Housing materials	PA; PBT
Lens material	PMMA
Weight [kg]	0.177
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M12 connector

Wiring



2: function check

Remarks	
Pack quantity [piece]	1