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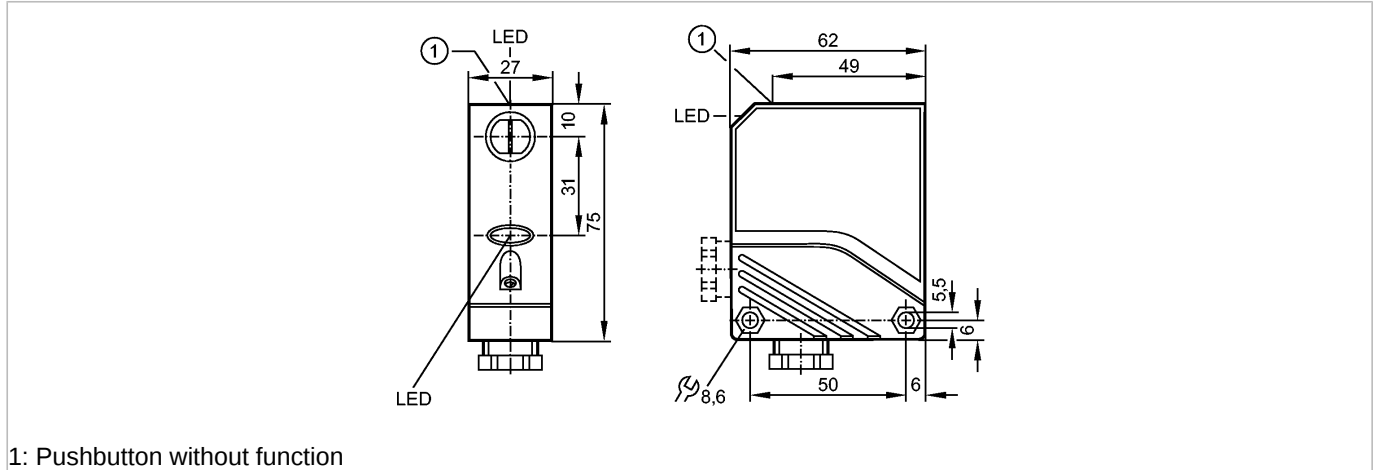
efector200

OL5011



OLS-00KG

Photoelectric sensors



Product characteristics

Through-beam sensor

Rectangular, plastics

Terminals

Transmitter

Sensing range 25m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Overvoltage protection [V]

Outputs

Short-circuit protection

Monitoring range

Sensing range [m]

Light spot diameter [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF

Mechanical data

Housing materials

Lens material

Weight

Displays / operating elements

Power

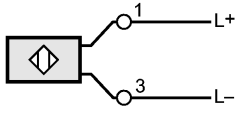
Electrical connection

Connection

Wiring

Electrical design	DC
Operating voltage [V]	10...36 DC
Current consumption [mA]	< 22
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	yes
Overvoltage protection [V]	yes
Outputs	
Short-circuit protection	yes (non-latching)
Monitoring range	
Sensing range [m]	25
Light spot diameter [mm]	< 2500 (at maximum range)
Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	1085
Mechanical data	
Housing materials	PA; PBT
Lens material	PMMA
Weight [kg]	0.164
Displays / operating elements	
Power	green
Electrical connection	
Connection	terminals up to 1.5 mm ² ; cable diameter 4.5...10 mm, cable gland M16 x 1.5

OL5011 - Through-beam sensor - eclass: 27270901 / 27-27-09-01



Remarks

Pack quantity [piece] 1

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