

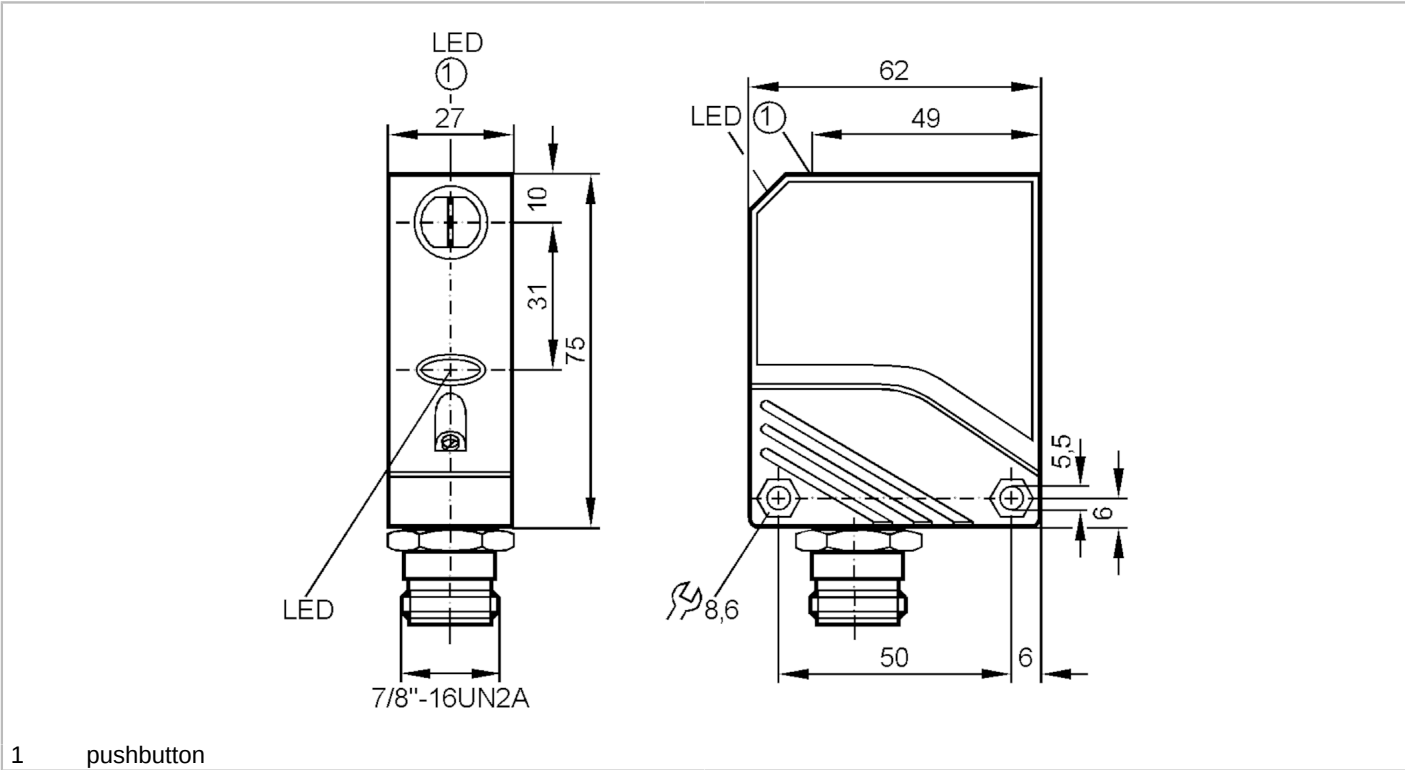


Diffuse reflection sensor

OLT-FKOA/SL/LS-500

Article no longer available - archive entry

Alternative articles: OL0005
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Diffuse reflection sensor
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Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC/DC
Max. power consumption	[VA]	4
Protection class		I
Reverse polarity protection		no
Type of light		Infrared light
Wave length	[nm]	880
Typ. lifetime	[h]	100000
Reference temperature for service life	[°C]	25

Outputs

Electrical design	Relay
Output function	light-on/dark-on mode; (configurable)
Contact rating	250 V AC / 3 A / 960 VA, 125 V DC / 5 A / 120 W
Switching frequency AC	[Hz] 10



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Switching frequency DC	[Hz]	10
Short-circuit proof		no
Overload protection		no

Monitoring range		
Range	[mm]	1...1000; (white paper 200 x 200 mm 90 % remission)
Range adjustable		yes
Max. light spot diameter	[mm]	250
Light spot dimensions refer to		at maximum range

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

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

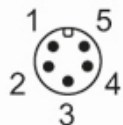
Mechanical data		
Weight	[g]	0.207
Housing		rectangular
Material		PA; PBT
Lens material		PMMA

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red

Remarks		
Remarks		Recommendation: check the unit for reliable function after a short circuit.
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x 7/8"; coding: A

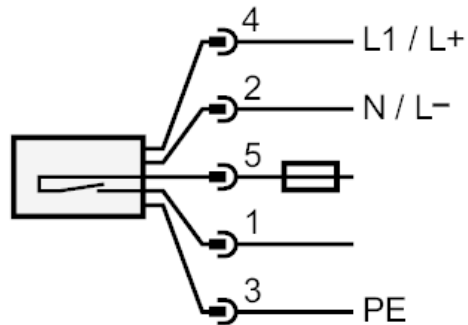




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Connection



Note : miniature fuse to IEC60127-2 sheet 1 $\leq$ 5 A fast acting