

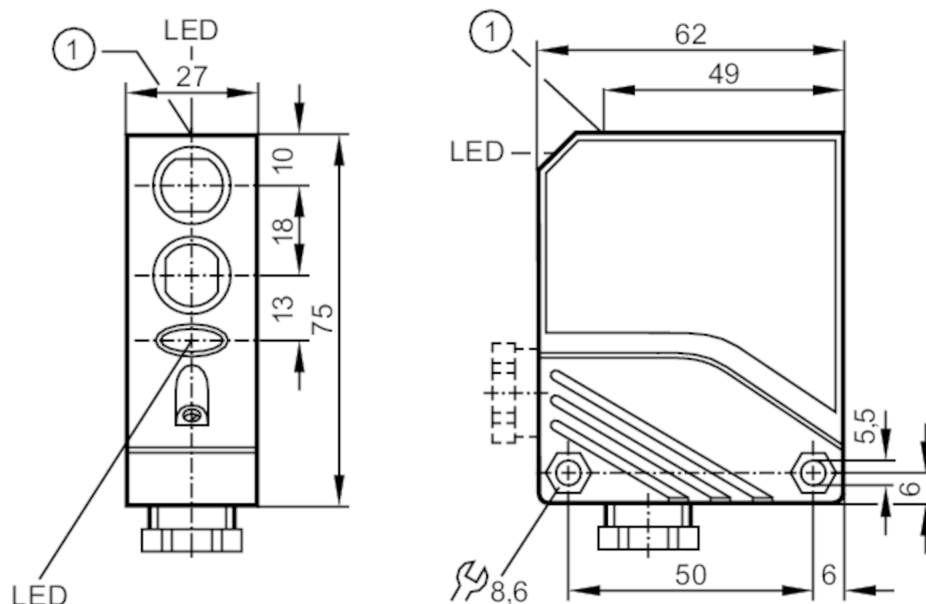
Retro-reflective sensor

OLP-FKOA

Article no longer available - archive entry

Alternative articles: OL0017

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



1 pushbutton

Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC/DC
Max. power consumption	[VA]	4
Protection class		II
Type of light		red light
Wave length	[nm]	660
Typ. lifetime	[h]	100000
Reference temperature for service life	[°C]	25

Outputs

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



Retro-reflective sensor

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Short-circuit protection	no
Overload protection	no

Detection zone

Range [m]	0.6...8; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Max. light spot diameter [mm]	400
Light spot dimensions refer to	at maximum range
Polarisation filter available	yes

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	rectangular
Dimensions [mm]	75 x 27 x 62
Materials	PA; PBT
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: ...1.5 mm²; Cable sheath: Ø 4.5...10 mm; Cable gland: M16 X 1.5

Connection

