

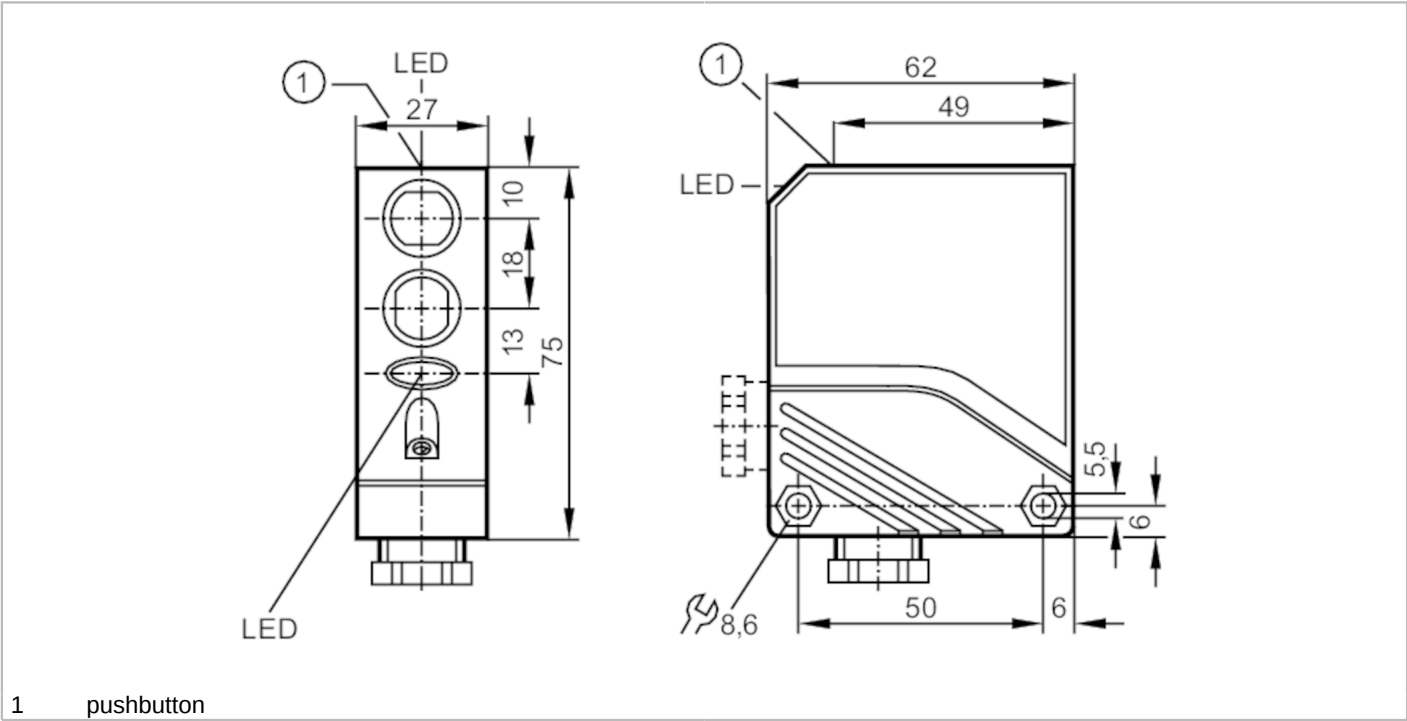


Retro-reflective sensor

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!



Product characteristics

Type of light	red light
Housing	rectangular

Application

System	polarization 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; (configurable)
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



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Short-circuit protection	no
Overload protection	no

Monitoring range	
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
Polarization 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
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	
Pack quantity	1 pcs.

Electrical connection

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

Connection

