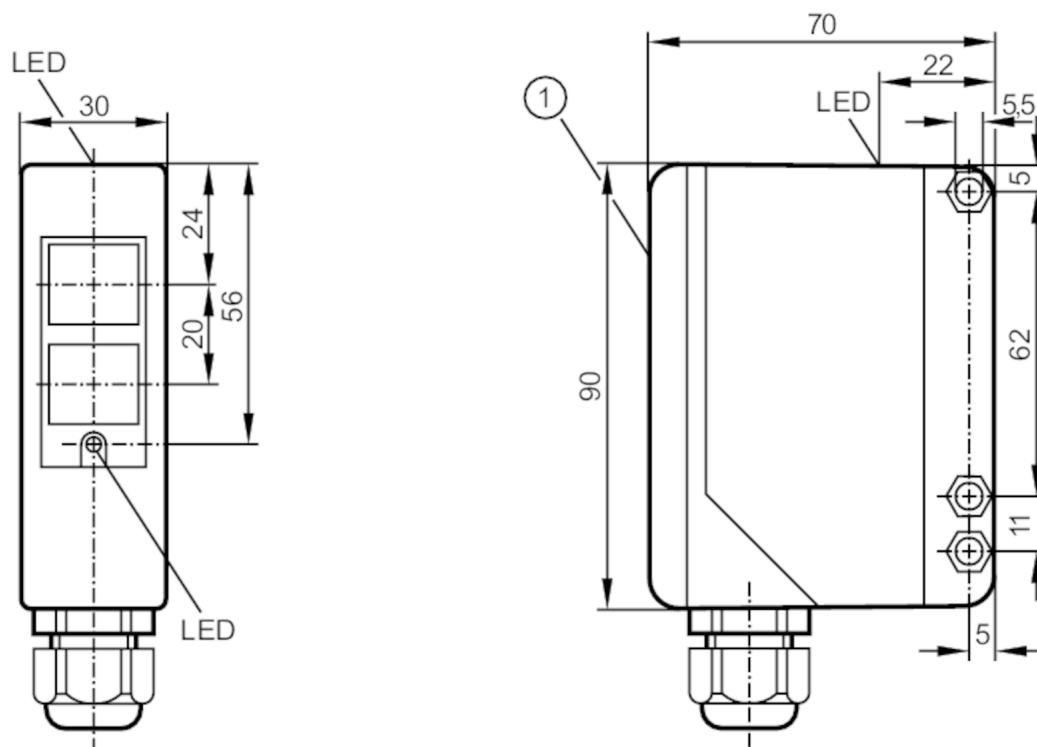


Diffuse reflection sensor

OAT-FKOA/T

Article no longer available - archive entry



- 1 selection switch and potentiometer under cover
Receiver in upper lens
transmitter in lower lens

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]	2
Protection class		II
Type of light		Infrared light
Wave length	[nm]	880

Outputs

Electrical design		Relay
Output function		light-on/dark-on mode; (configurable)
Contact rating		250 V AC / 3 A / 360 VA, 125 V DC / 3 A / 30 W
Switching frequency AC	[Hz]	10
Switching frequency DC	[Hz]	10
Short-circuit protection		no

OA0111



Diffuse reflection sensor

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Overload protection	no
Time function [s]	0,5...2 (0,15...3)

Monitoring range	
Range [mm]	5...1500; (white paper 200 x 200 mm)
Range adjustable	yes

Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 65

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

Mechanical data	
Housing	rectangular
Dimensions [mm]	90 x 30 x 70
Material	PPO modified
Lens material	PMMA

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red
Operating elements	On-delay or off-delay selectable via slide switch	

Accessories	
Items supplied	Angle bracket
	screwdrivers

Remarks	
Pack quantity	1 pcs.

Electrical connection	
terminals: ...1.5 mm ²	
Connection	

