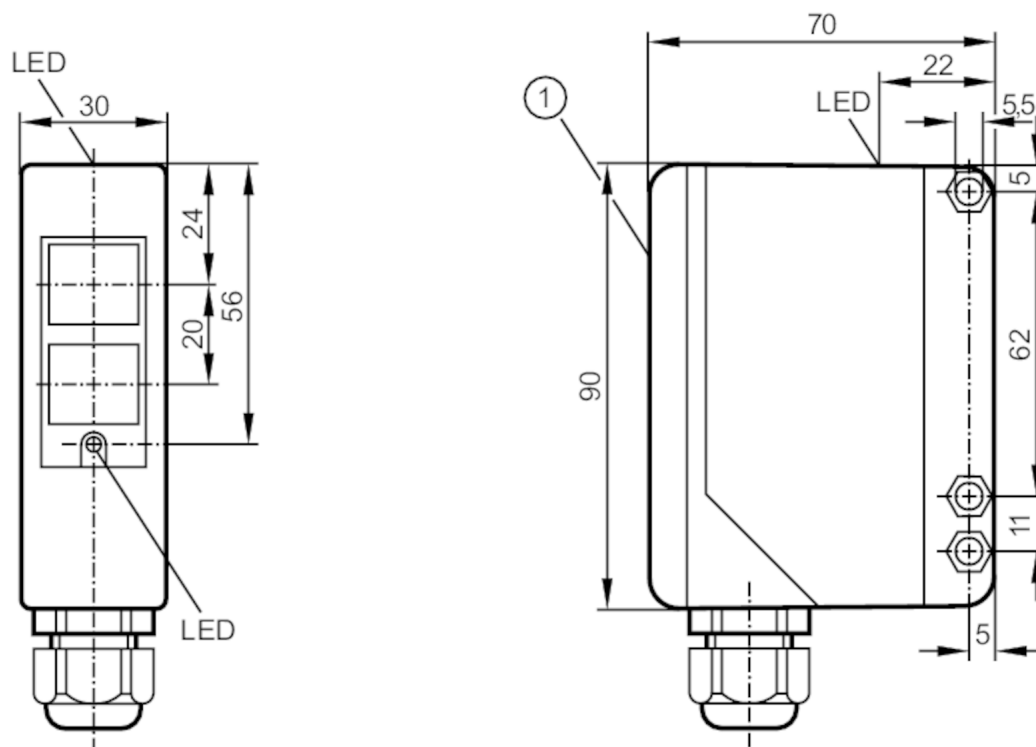


Diffuse reflection sensor

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; (parameterisable)
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



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

Detection zone

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
Materials	PPO modified
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Operating elements	on-delay or off-delay selectable via slide switch	

Аксессуары

Items supplied	Angle bracket
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: ...1.5 mm²

Connection

