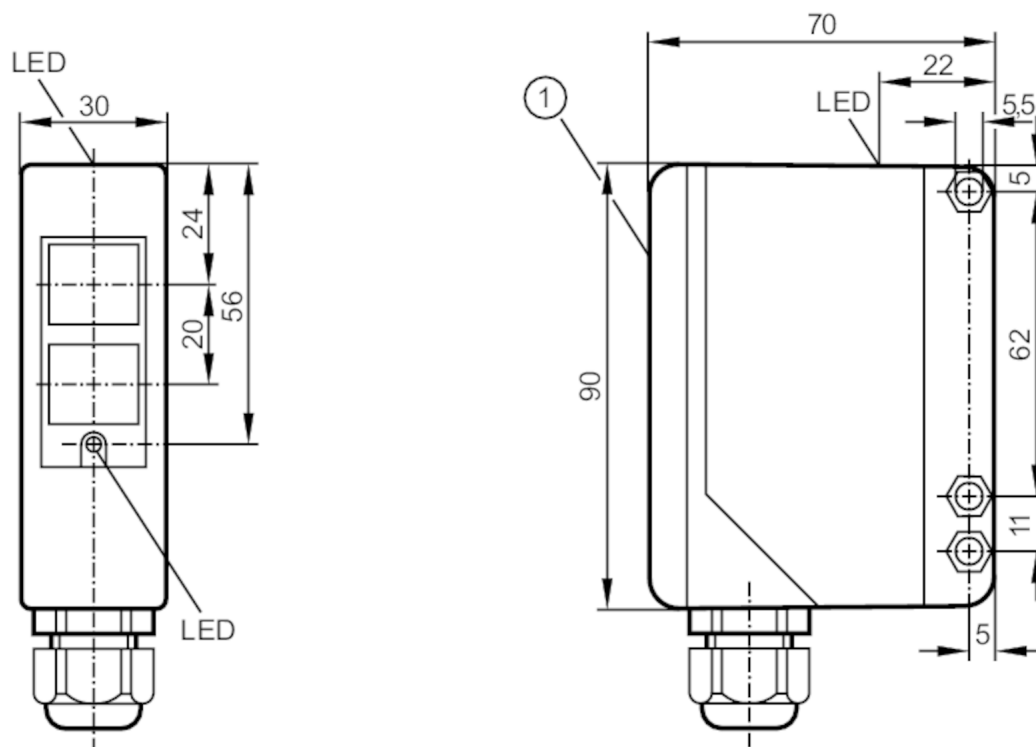


Diffuse reflection sensor

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
--------------------	---------------------------

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



Diffuse reflection sensor

OAT-FKOA/T

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	
Accessories		
Items supplied	Angle bracket	
	screwdrivers	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...1.5 mm²		
Connection		

