

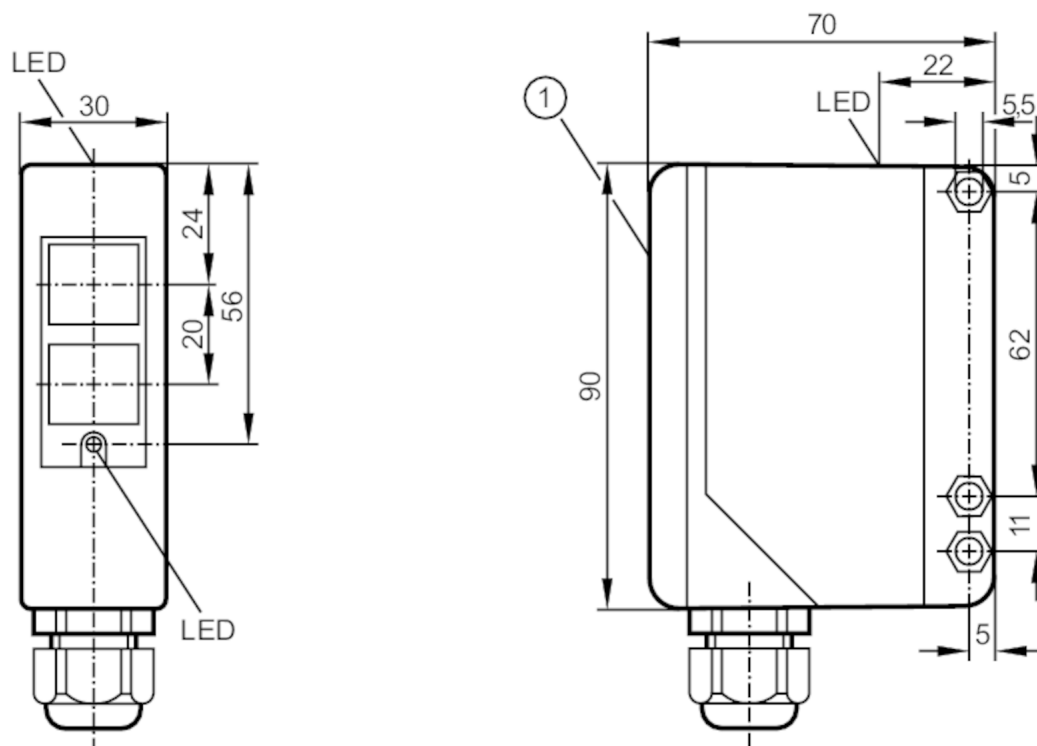
Through-beam sensor receiver

OAE-FKOA/T

Article no longer available - archive entry

Alternative articles: OA0102

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



- 1 selection switch and potentiometer under cover receiver in upper lens

Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC/DC
Max. power consumption	[VA]	3.5
Protection class		II
Reverse polarity protection		no
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



Through-beam sensor receiver

OAE-FKOA/T

Short-circuit proof	no	
Overload protection	no	
Time function	[s]	0.5...10
Detection zone		
Transmitter / receiver	receiver	
Range	[m]	25...50; (depending on the transmitter)
Range adjustable	yes	
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Weight	[g]	0.304
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: 1, E20514	
	screwdrivers	
Remarks		
Remarks	Recommendation: Check the safe functioning of the unit after a short circuit.	
Pack quantity	1 pcs.	

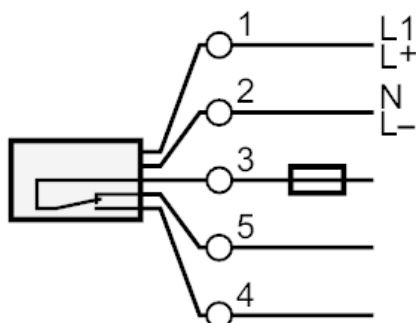
Through-beam sensor receiver

OAE-FKOA/T

Electrical connection

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

Connection



Note : miniature fuse to IEC60127-2 sheet 1 ≤ 5 A fast acting

Diagrams and graphs

excess gain graph

