

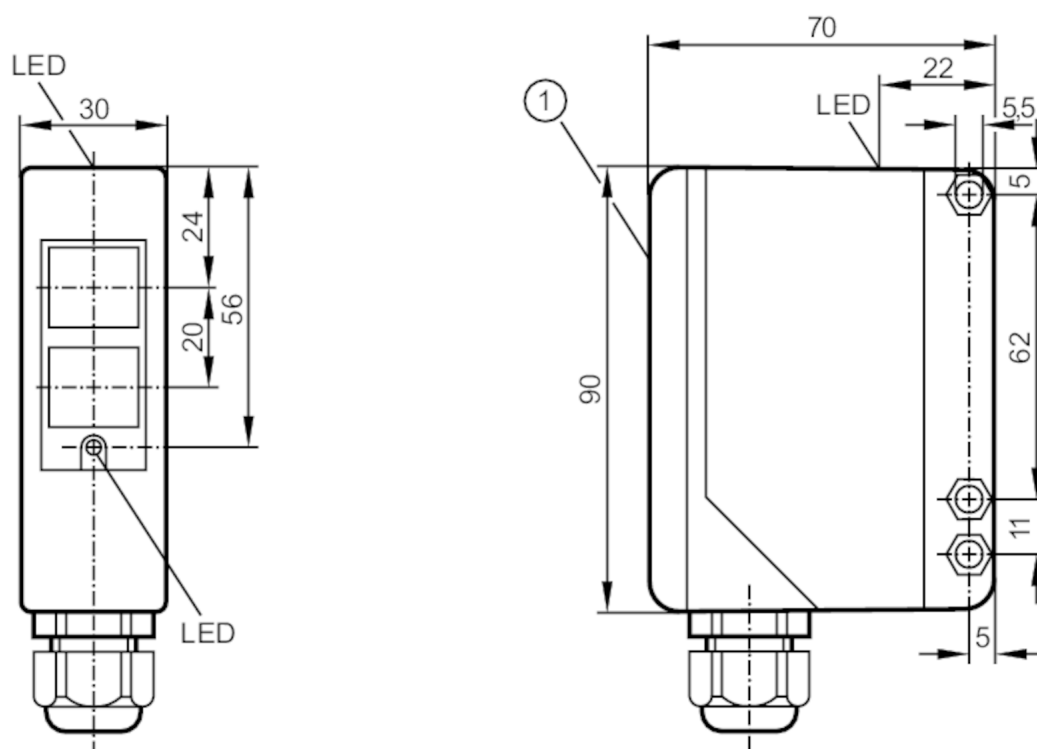
Through-beam sensor receiver

OAE-FKOA/O.MONTZU

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
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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
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Through-beam sensor receiver

OAE-FKOA/O.MONTZU

Output function	light-on/dark-on mode; (programmable)
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 proof	no
Overload protection	no

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	
	EN 55011	class B
MTTF [years]	271	

Mechanical data

Weight [g]	165
Housing	rectangular
Dimensions [mm]	90 x 30 x 70
Materials	PPO modified
Lens material	PMMA
Lens alignment	side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Electrical connection

Required protection	miniature fuse to IEC60127-2 sheet 1; ≤ 5 A; fast acting
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Remarks

Remarks	Recommendation: Check the safe functioning of the unit after a short circuit.
Pack quantity	1 pcs.

Through-beam sensor receiver

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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

