

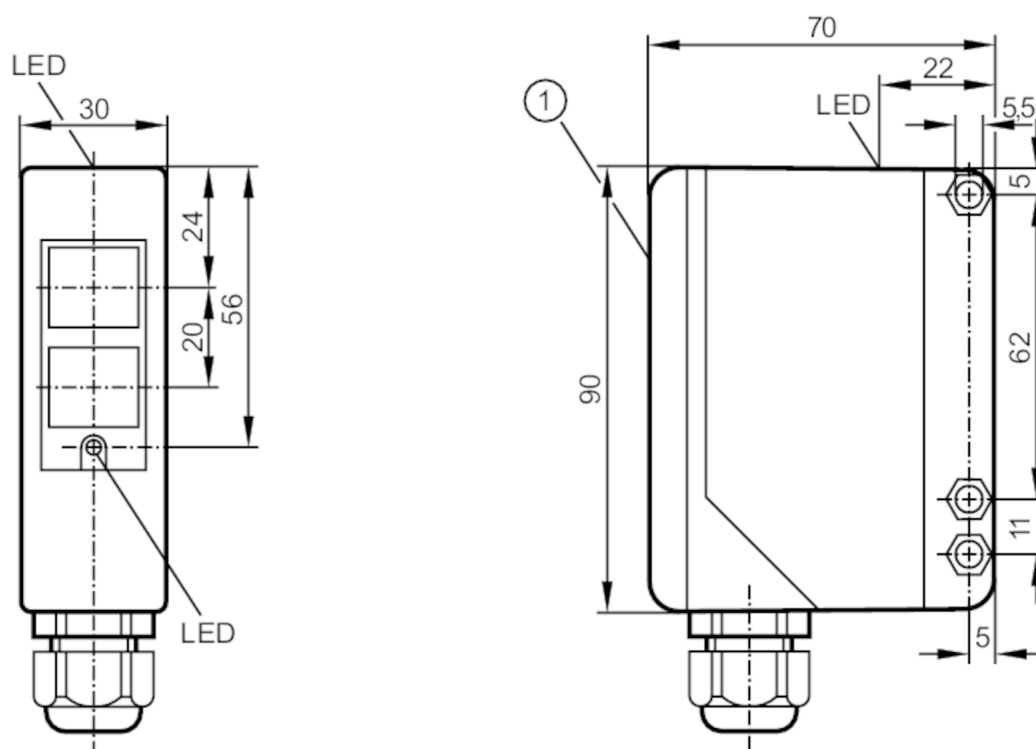
Through-beam sensor receiver

OAE-FCKG/T

Article no longer available - archive entry

Alternative articles: O4E500

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

Special feature	Function check output
Function principle	Through-beam sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 50
Protection class		II
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	880

Outputs

Electrical design	PNP/NPN
Output function	light-on/dark-on mode; (parameterisable)
Function check output	yes



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Max. current load for function check output	[mA]	10
Permanent current rating of switching output DC	[mA]	250
Max. current load in dual output mode	[mA]	100
Switching frequency DC	[Hz]	300
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Time function	[s]	0.5...10

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 50
Range adjustable		yes

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Weight	[g]	0.287
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: 1, E20514
	screwdrivers

Remarks

Pack quantity	1 pcs.
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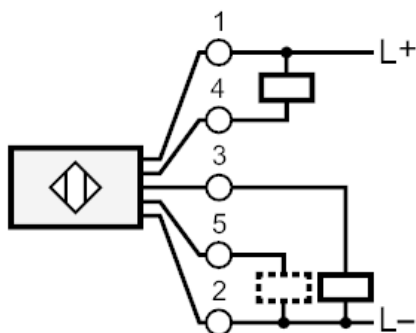
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Electrical connection

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

Connection



5 Function check output

Diagrams and graphs

excess gain graph

