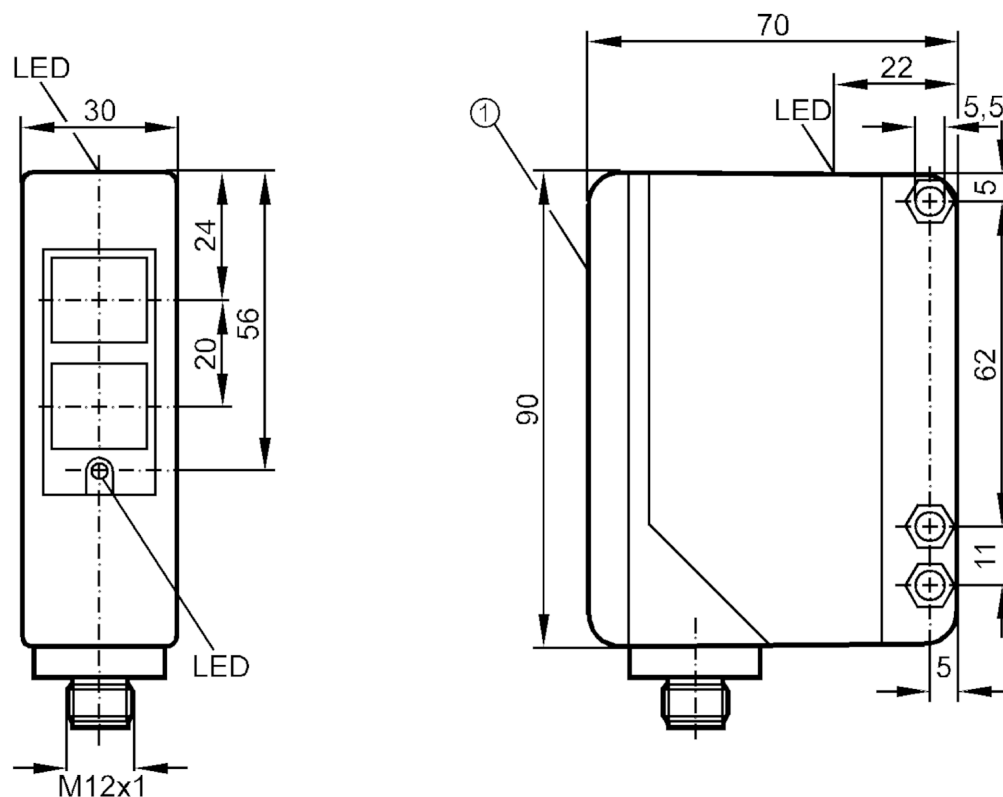




Through-beam sensor receiver

OAE-FPKG/T/US

Article no longer available - archive entry



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

Product characteristics

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

Outputs

Electrical design PNP

Output function light-on/dark-on mode; (parameterisable)

Function check output yes

Max. current load for function check output [mA] 10

Permanent current rating of switching output DC [mA] 250



Through-beam sensor receiver

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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	
	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.
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Electrical connection

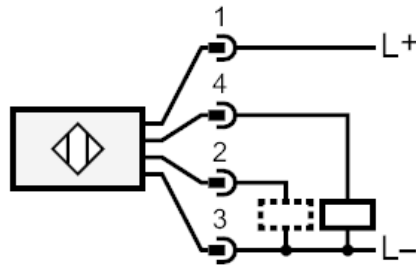
Connector: 1 x M12; coding: A



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Connection



2

Function check output