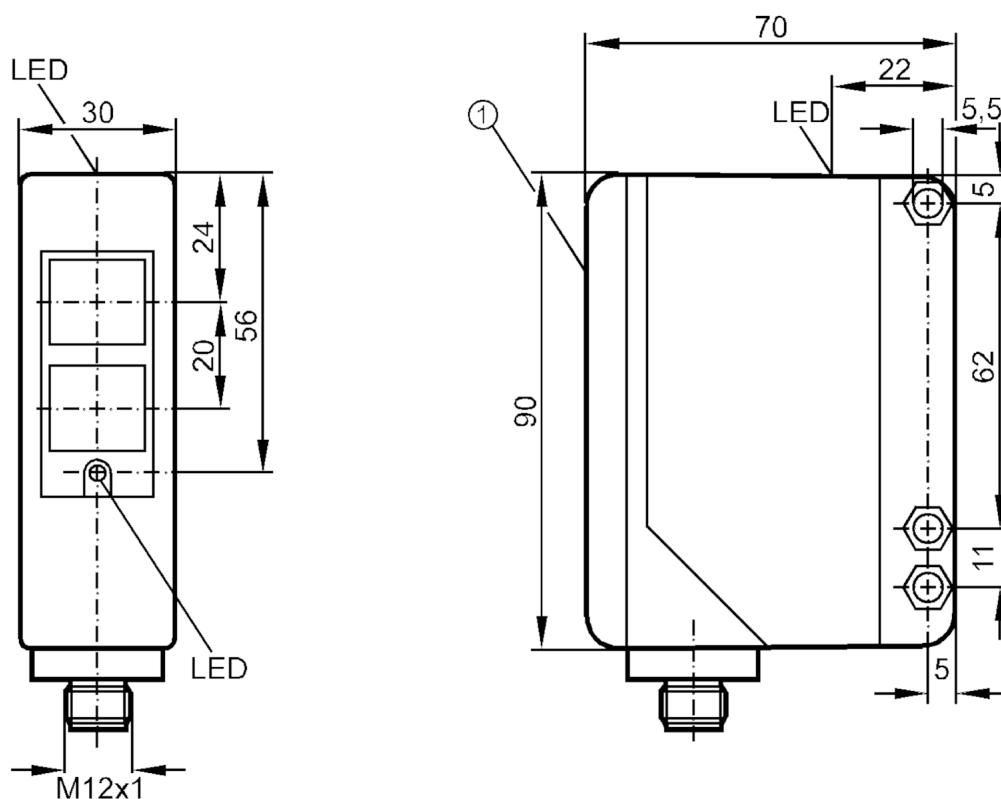


Through-beam sensor receiver

OAE-FPKG/US

Article no longer available - archive entry



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

Product characteristics

Housing	rectangular
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Application

System	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; (configurable)
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		yes (non-latching)
Overload protection		yes

Monitoring range

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
Material		PPO modified
Lens material		PMMA

Displays / operating elements

Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red

Accessories

Items supplied	Angle bracket
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



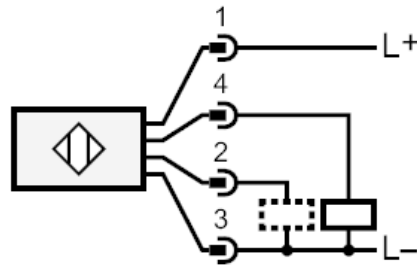
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Through-beam sensor receiver

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Connection



2

Function check output