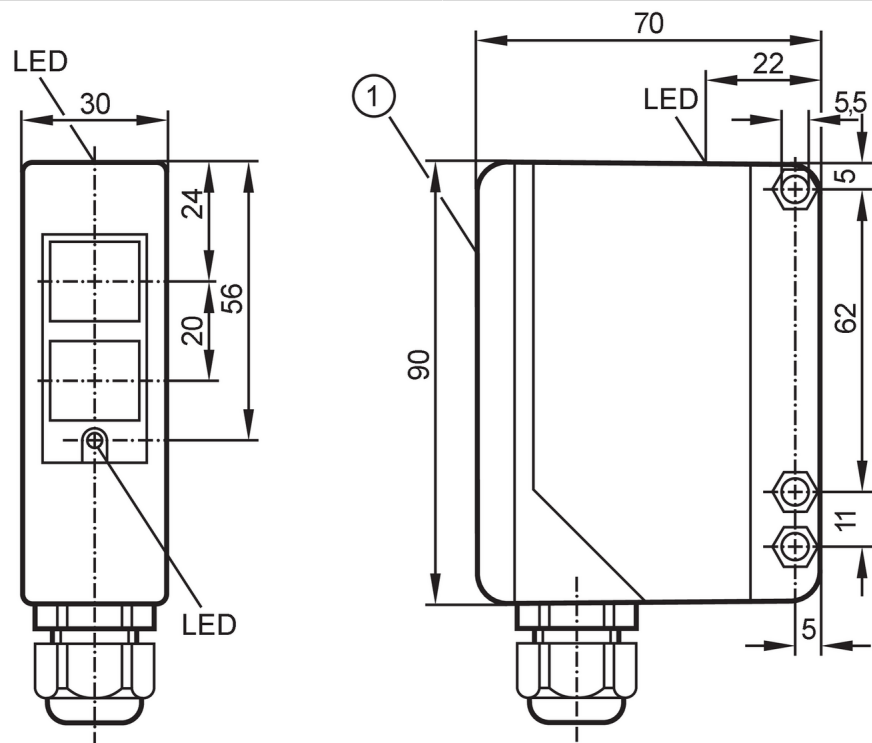


OA5101



Through-beam sensor transmitter

OAS-00KG



- 1 Cover
one transmitting diode in upper and lower lens



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
Application	Industrial applications

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

Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Transmitter / receiver	transmitter
Range [m]	< 50
Range adjustable	no



Through-beam sensor transmitter

OAS-00KG

Max. light spot diameter	[mm]	1500
Light spot dimensions refer to		at maximum range

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	1367
UL approval	Ta	< 40 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	UL approval number	E029
	File number UL	E174191

Mechanical data

Weight	[g]	274
Housing		rectangular
Dimensions	[mm]	90 x 30 x 70
Material		housing: PPO modified
Lens material		front lens:PMMA
Lens alignment		Side sensing

Displays / operating elements

Display	Power	1 x LED, green
---------	-------	----------------

Accessories

Items supplied	Angle bracket: 1, E20514
----------------	--------------------------

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

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

Connection

