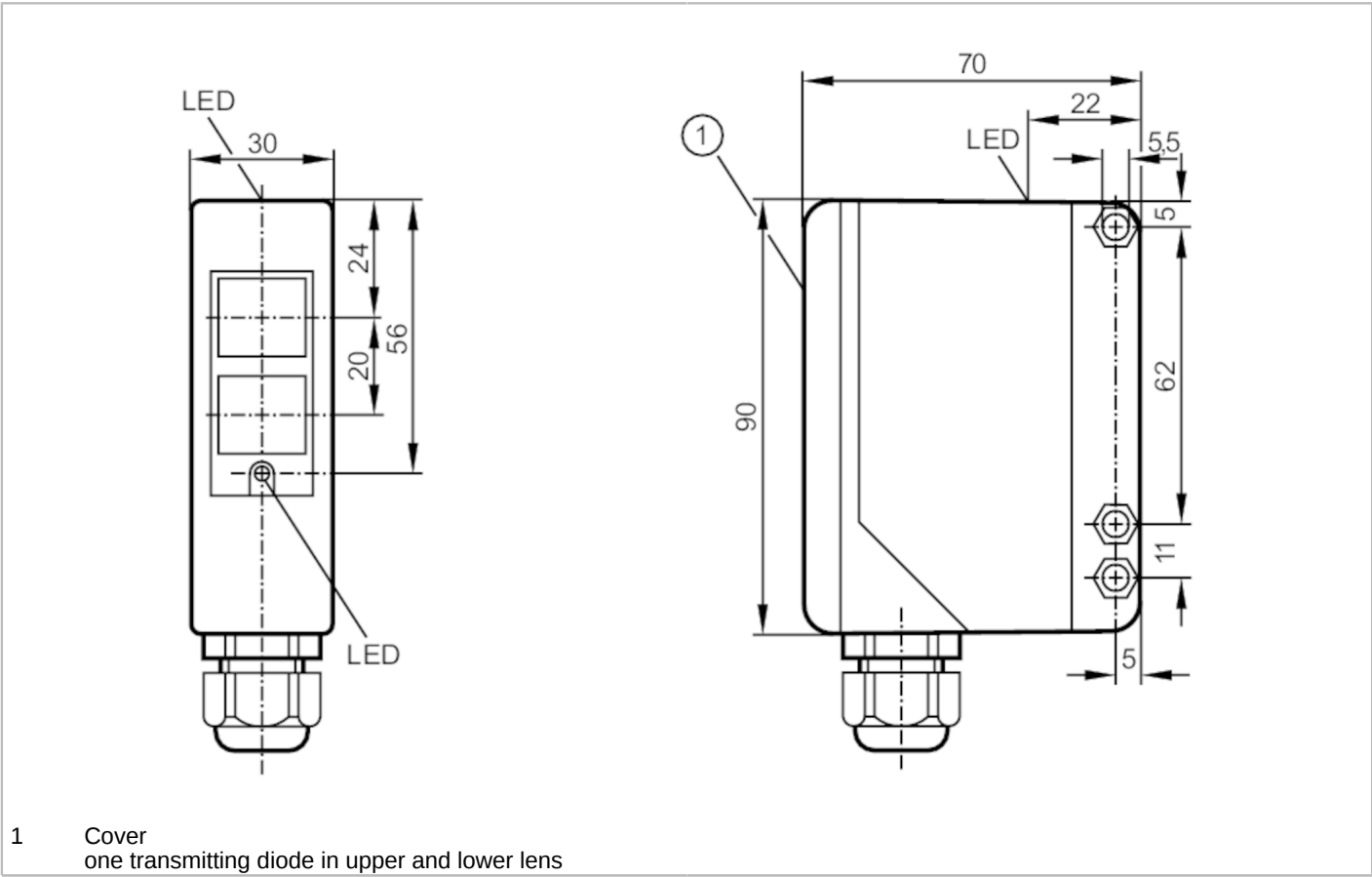


OA5101



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
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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



Through-beam sensor transmitter

OAS-00KG

Range adjustable	no
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	PPO modified
Lens material	PMMA
Lens alignment	Side sensing

Displays / operating elements

Display	Power	1 x LED, green
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Accessories

Items supplied	Angle bracket: 1, E20514
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Remarks

Pack quantity	1 pcs.
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Electrical connection

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

Connection

