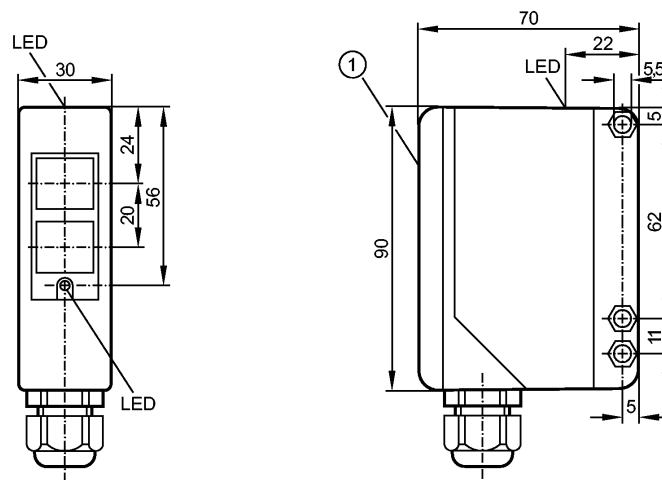


OA0101

OAS-000A

Photoelectric sensors



1: Cover

one transmitting diode in upper and lower lens



Made in Germany

Product characteristics

Through-beam sensor

Rectangular, plastics

Terminals

Transmitter

Sensing range 50m

Electrical data

Electrical design	AC/DC
Operating voltage [V]	20...250 AC/DC (47...63 Hz AC)
Power consumption [VA]	< 3.5
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	no

Outputs

Short-circuit protection	no
Overload protection	no

Range

Sensing range [m]	50
Light spot diameter [mm]	1500 (at maximum range)

Environment

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

Tests / approvals

EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	393

Mechanical data

Housing materials	modified PPO
Lens material	PMMA

OA0101

OAS-OOOA

Photoelectric sensors

Weight	[kg]	0.279
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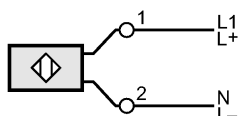
Displays / operating elements

Operation	LED	green
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Electrical connection

Connection	terminals up to 1.5 mm ² ; cable diameter 4.5...10 mm, cable gland M16 x 1.5
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Wiring



Accessories

Accessories (included)	Angle bracket; E20514; screwdriver
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Remarks

Pack quantity	[piece]	1
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