



Through-beam sensor transmitter

OAS-000A



- 1 Cover
one transmitting diode each 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

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC/DC
Max. power consumption	[VA]	3.5
Protection class		II
Type of light		infrared light
Wave length	[nm]	880

Outputs

Short-circuit protection	no
Overload protection	no

Detection zone

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



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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]	393

Mechanical data

Weight	[g]	278
Housing		rectangular
Dimensions	[mm]	90 x 30 x 70
Materials		PPO modified
Lens material		PMMA
Lens alignment		side lens

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Items supplied	Angle bracket: 1, E20514
	screwdrivers

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

