



Through-beam sensor transmitter

OGS-00KG/10M

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Alternative articles: OGS501

When selecting an alternative article and accessories please note that technical data may differ!

No scale drawing available



Product characteristics

Type of light	infrared light
Housing	threaded type

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 17
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	pulsed
Overload protection	yes

Detection zone

Transmitter / receiver	transmitter	
Range	[m]	< 15
Range adjustable	no	

OG5100



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Max. light spot diameter [mm]	2000
Light spot dimensions refer to	at maximum range

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	threaded type
Dimensions [mm]	M18 x 1
Thread designation	M18 x 1
Materials	PBT
Lens material	PMMA

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Items supplied	lock nuts: 2
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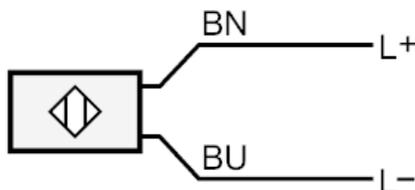
Remarks

Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Cable: 10 m, PVC; 2 x 0.34 mm²

Connection



BN = Core colours : brown
BU = blue