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# 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



## Through-beam sensor transmitter

OGS-00KG/10M

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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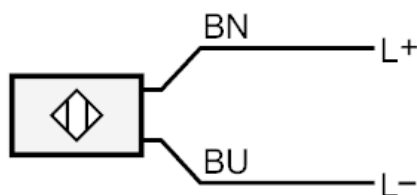
### Remarks

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

### Electrical connection

Cable: 10 m, PVC; 2 x 0.34 mm<sup>2</sup>

### Connection



BN = Core colours :  
brown  
BU = blue