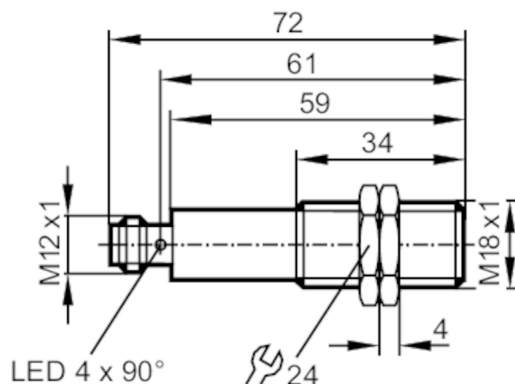


# OGS701



## Through-beam laser sensor transmitter

OGSLOOKG/US100



### Product characteristics

Type of light	red light
Laser protection class	1
Housing	Threaded type

### Application

Function principle	Through-beam sensor
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### Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	13
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	655
Typ. lifetime	[h]	50000

### Monitoring range

Transmitter / receiver		transmitter
Range	[m]	< 2
Range adjustable		no
Diameter of the smallest detectable object	[mm]	0.5; (2 m)
Max. light spot diameter	[mm]	5
Light spot dimensions refer to		at maximum range

### Operating conditions

Ambient temperature	[°C]	-10...60
Protection		IP 65; IP 67

### Tests / approvals

EMC	EN 60947-5-2	
Laser protection class		1



## Through-beam laser sensor transmitter

OGSLOOKG/US100

Notes on laser protection	Caution:	Laser light
	laser class:	1
		EN / IEC60825-1:2007
		EN / IEC60825-1:2014
		Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.
MTTF	[years]	1018

## Mechanical data

Weight	[g]	64
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Material		stainless steel (1.4404 / 316L); PA; EPDM
Lens material		PMMA

## Displays / operating elements

Display	Power	1 x LED, green
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## Accessories

Items supplied	lock nuts: 2
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## Remarks

Remarks	cULus - Class 2 source required
Pack quantity	1 pcs.

## Electrical connection

Connector: 1 x M12; coding: A



## Connection

