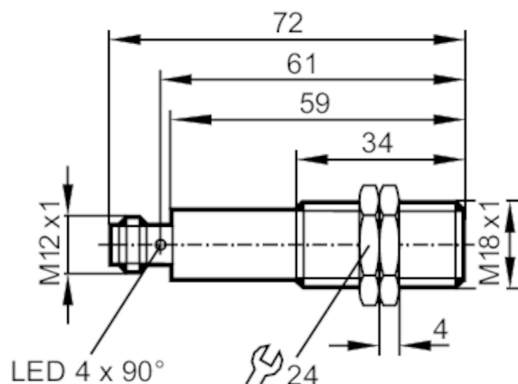


# OGS700



## Through-beam laser sensor transmitter

OGSLOOKG/US100



### Product characteristics

Type of light	red light
Laser protection class	1
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 72

### 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

### Detection zone

Transmitter / receiver	transmitter
Range [m]	< 60
Range adjustable	no
Diameter of the smallest detectable object [mm]	3; (60 m)
Max. light spot diameter [mm]	312
Light spot dimensions refer to	at maximum range

### Operating conditions

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

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Tests / approvals		
EMC	EN 60947-5-2	
Laser protection class		1
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
Materials		stainless steel (1.4404 / 316L); PA; EPDM
Lens material		PMMA
Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12		

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### Connection

