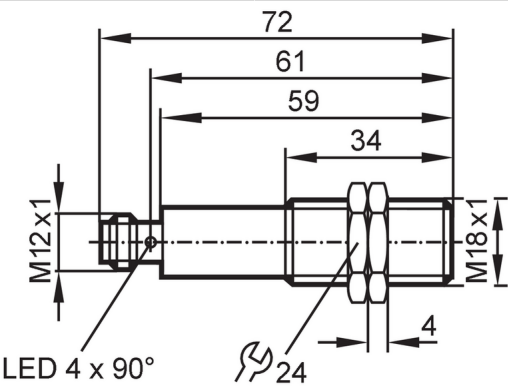


OGS701



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
Application		Industrial applications
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

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Notes on laser protection	Caution:	Laser light
	laser class:	1
		EN / IEC60825-1:2007
		EN / IEC60825-1:2014
		Complies with 21 CFR 1040.10 except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019.
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		front lens:PMMA

Displays / operating elements		
Display	Power	1 x LED, green

Accessories		
Items supplied		lock nuts: 2

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

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection

