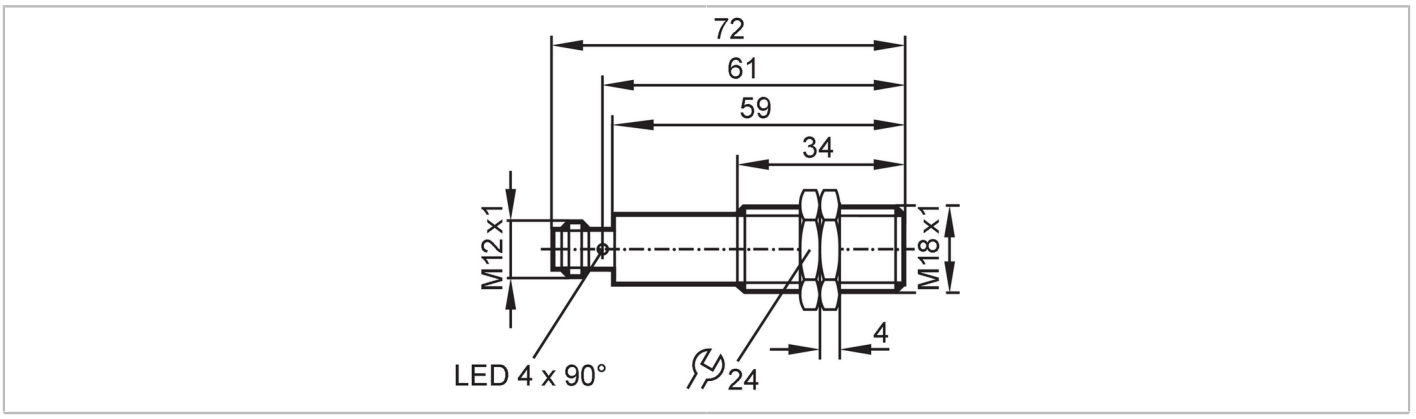
OGS500

Through-beam sensor transmitter

OGS-OOKG/US100



Product characteristics		
Type of light		red light
Housing		threaded type
Application		
Function principle		Through-beam sensor
Application		Industrial applications / factory automation
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	20
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624
Detection zone		
Transmitter / receiver		transmitter
Range	[m]	< 25
Range adjustable		no
Max. light spot diameter	[mm]	1000
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
MTTF	[years]	629
Mechanical data		
Weight	[g]	62.3
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Materials		stainless steel (316L/1.4404); PA; EPDM

OGS500

Through-beam sensor transmitter

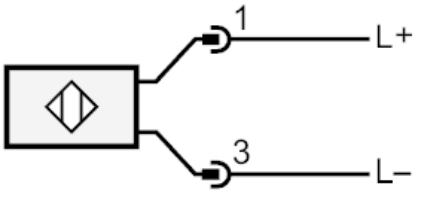
OGS-OOKG/US100

Lens material	front pane:PMMA	
Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	
Electrical connection		

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



Connection



Diagrams and graphs

excess gain graph

