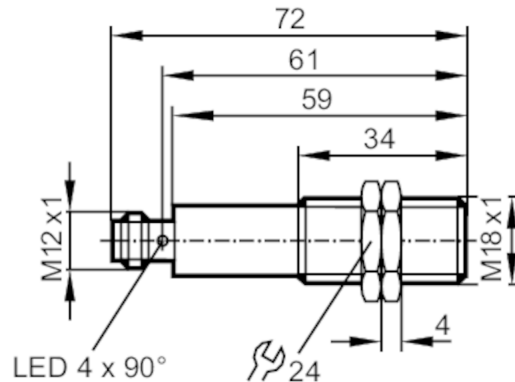




Through-beam sensor transmitter

OGS-00KG/US100



Product characteristics

Type of light	red 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]	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

OGS500



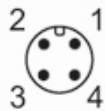
Through-beam sensor transmitter

OGS-OOKG/US100

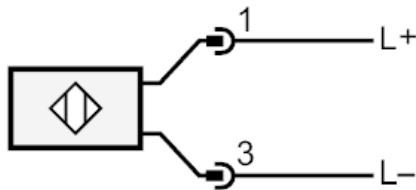
Materials	stainless steel (316L/1.4404); PA; EPDM	
Lens material	PMMA	
Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A



Connection





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Diagrams and graphs

excess gain graph

