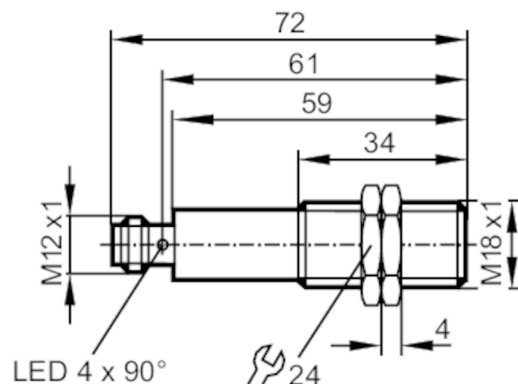


OGS500



Through-beam sensor transmitter

OGS-00KG/US100



Product characteristics

Type of light	red light
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]	20
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624

Monitoring range

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

OGS500



Through-beam sensor transmitter

OGS-00KG/US100

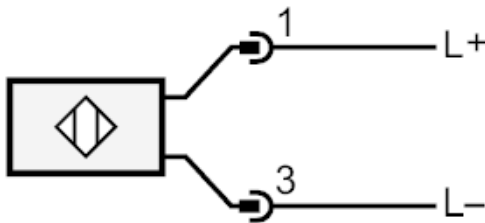
Mechanical data		
Weight	[g]	62.3
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Material		stainless steel (1.4404 / 316L); PA; EPDM
Lens material		PMMA
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12



Connection





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Diagrams and graphs

excess gain graph

