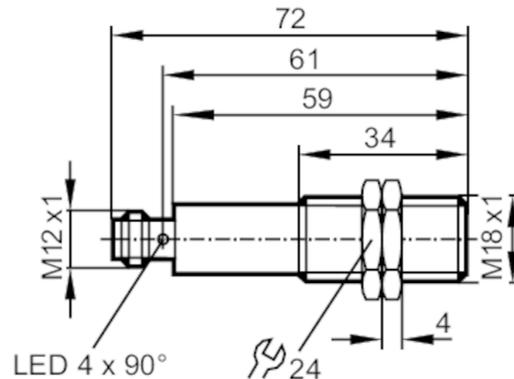


# OGS500



## 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

### 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

# 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
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

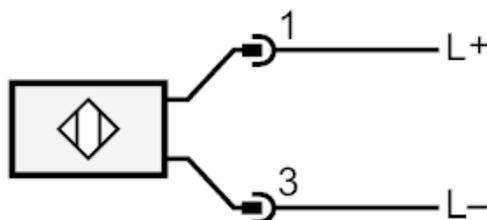
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

### Electrical connection

Connector: 1 x M12



### Connection





## Through-beam sensor transmitter

OGS-00KG/US100

### Diagrams and graphs

excess gain graph

