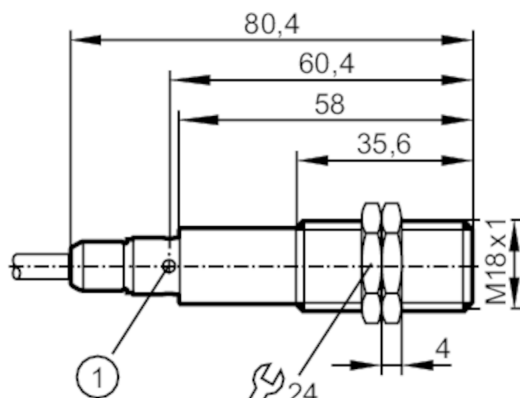


# OGS501



## Through-beam sensor transmitter

OGS-00KG/2M



1 x LED 4 x 90°



### Product characteristics

Type of light	red light
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 80.4

### 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
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

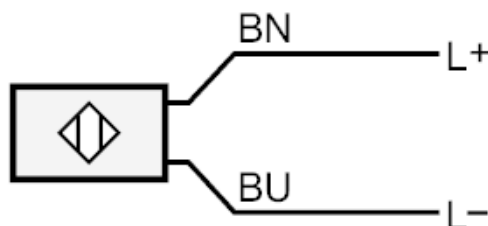
# OGS501



## Through-beam sensor transmitter

OGS-00KG/2M

Mechanical data		
Weight	[g]	125.1
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 80.4
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		
Cable: 2 m, PUR; 3 x 0.34 mm <sup>2</sup>		
Connection		



Core colours :

BN = brown  
BU = blue