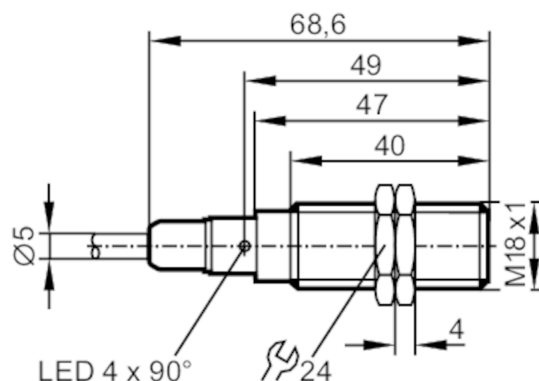




## Through-beam sensor transmitter

OGS-00KG/6M



### Application

Function principle	Through-beam sensor
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### Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15
Protection class	II
Reverse polarity protection	yes
Type of light	red light

### Detection zone

Transmitter / receiver	transmitter
Range [m]	< 20
Range adjustable	no
Max. light spot diameter [mm]	800
Light spot dimensions refer to	at maximum range

### Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 67; IP 68; IP 69K

### Tests / approvals

EMC	EN 60947-5-2
MTTF [years]	755

### Mechanical data

Weight [g]	247
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 68.6
Thread designation	M18 x 1
Materials	housing: stainless steel (1.4404 / 316L); Sealing: EPDM
Lens material	PMMA

### Displays / operating elements

Display	operation	1 x LED, green
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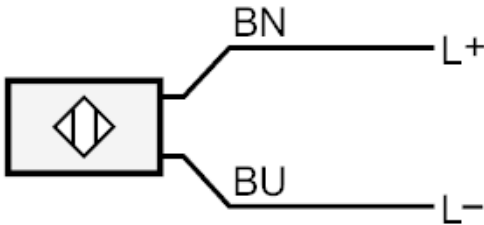
# OGS301



## Through-beam sensor transmitter

OGS-00KG/6M

Accessories	
Accessories (supplied)	lock nuts: 2 x
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.
Electrical connection	
Cable: 6 m, PVC; 3 x 0.34 mm <sup>2</sup>	
Connection	



	Core colours :
BN =	brown
BU =	blue



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### Diagrams and graphs

excess gain graph

