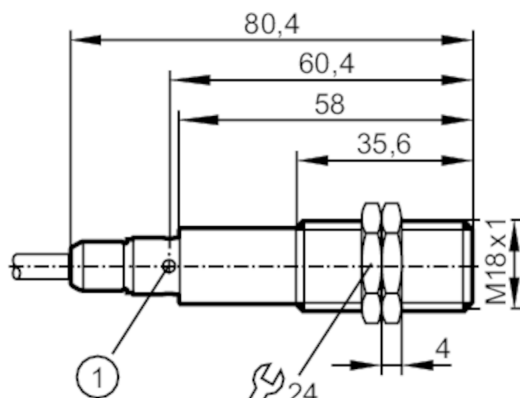


## Through-beam sensor transmitter

OGS-OOKG/2M



1 x LED 4 x 90°



## Product characteristics

|               |               |
|---------------|---------------|
| Type of light | red light     |
| Housing       | threaded type |

## Application

|                    |                     |
|--------------------|---------------------|
| Function principle | Through-beam sensor |
|--------------------|---------------------|

## 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          |

## 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 (316L/1.4404); PA; EPDM |

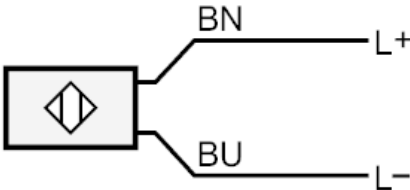
# OGS501



## Through-beam sensor transmitter

OGS-00KG/2M

|                               |   |                |
|-------------------------------|---|----------------|
| 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         |   |                |
| Cable: 2 m, PUR; 3 x 0.34 mm² |   |                |
| Connection                    |   |                |



BN = Core colours :  
brown  
BU = blue