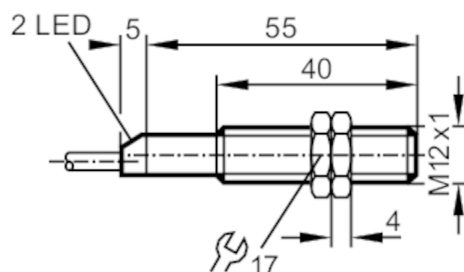




## Through-beam sensor transmitter

OFS-00KG



## Product characteristics

|               |                |
|---------------|----------------|
| Type of light | Infrared 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               |      | Infrared light |
| Wave length                 | [nm] | 880            |

## Outputs

|                                  |                    |
|----------------------------------|--------------------|
| Short-circuit protection         | yes                |
| Type of short-circuit protection | yes (non-latching) |
| Overload protection              | yes                |

## Monitoring range

|                                |                  |
|--------------------------------|------------------|
| Transmitter / receiver         | transmitter      |
| Range [m]                      | < 4              |
| Max. light spot diameter [mm]  | 700              |
| Light spot dimensions refer to | at maximum range |

## Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...60 |
| Protection          |      | IP 67    |

## Tests / approvals

|      |              |      |
|------|--------------|------|
| EMC  | EN 60947-5-2 |      |
| MTTF | [years]      | 1597 |

## Mechanical data

|                    |      |                  |
|--------------------|------|------------------|
| Weight             | [g]  | 72.3             |
| Housing            |      | Threaded type    |
| Dimensions         | [mm] | M12 x 1 / L = 60 |
| Thread designation |      | M12 x 1          |

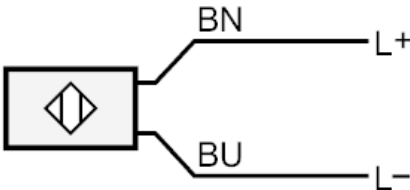
OF5018



Through-beam sensor transmitter

OFS-00KG

|                               |                     |                |
|-------------------------------|---------------------|----------------|
| Material                      | brass nickel-plated |                |
| Lens material                 | PMMA                |                |
| Displays / operating elements |                     |                |
| Display                       | Power               | 1 x LED, green |
| Accessories                   |                     |                |
| Items supplied                | lock nuts: 2        |                |
| Remarks                       |                     |                |
| Pack quantity                 | 1 pcs.              |                |
| Electrical connection         |                     |                |
| Cable: 2 m, PUR; 2 x 0.34 mm² |                     |                |
| Connection                    |                     |                |



BN = Core colors : brown  
BU = blue