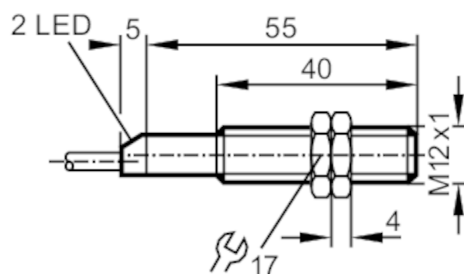




Through-beam sensor transmitter

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 |

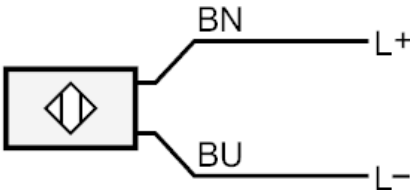
OF5018



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