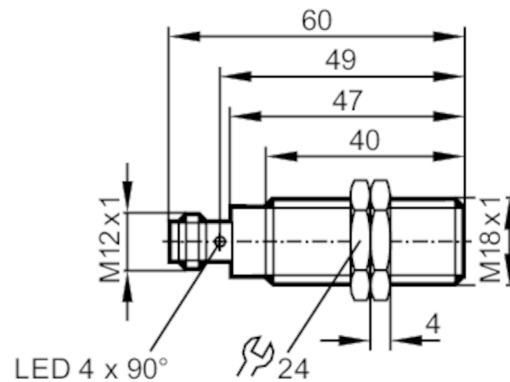


OGS200



Through-beam sensor transmitter

OGS-00KG/US100



| Product characteristics | |
|--------------------------------|---------------------|
| Type of light | red light |
| Housing | threaded type |
| Dimensions [mm] | M18 x 1 / L = 60 |
| Application | |
| Function principle | Through-beam sensor |
| Electrical data | |
| Operating voltage [V] | 10...36 DC |
| Current consumption [mA] | 15 |
| Protection class | II |
| Reverse polarity protection | yes |
| Type of light | red light |
| Wave length [nm] | 624 |
| 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...60 |
| Protection | IP 67 |
| Tests / approvals | |
| EMC | EN 60947-5-2 |
| MTTF [years] | 755 |

OGS200



Through-beam sensor transmitter

OGS-00KG/US100

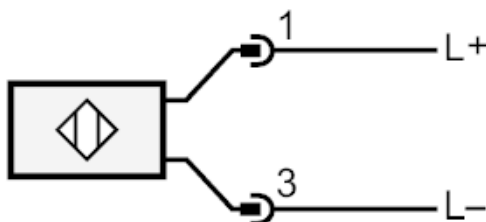
| Mechanical data | | |
|-------------------------------|-----------|---|
| Weight | [g] | 49.1 |
| Housing | | threaded type |
| Dimensions | [mm] | M18 x 1 / L = 60 |
| Thread designation | | M18 x 1 |
| Materials | | housing: stainless steel (1.4404 / 316L) |
| Lens material | | PMMA |
| Displays / 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

Connector: 1 x M12



Connection





Through-beam sensor transmitter

OGS-00KG/US100

Diagrams and graphs

excess gain graph

