

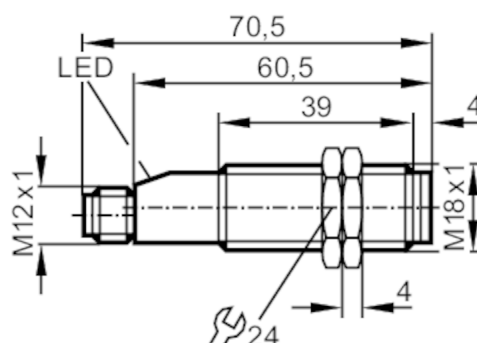
## Through-beam sensor transmitter

OGS-00KG/V4A/US-100

Article no longer available - archive entry

Alternative articles: OGS300

When selecting an alternative article and accessories please note that technical data may differ!



## Product characteristics

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

## Application

|                    |                      |
|--------------------|----------------------|
| Special feature    | Gold-plated contacts |
| Function principle | Through-beam sensor  |

## Electrical data

|                             |      |                |
|-----------------------------|------|----------------|
| Operating voltage           | [V]  | 10...36 DC     |
| Current consumption         | [mA] | < 17           |
| 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 | pulsed |
| Overload protection              | yes    |

## Detection zone

|                                |                  |
|--------------------------------|------------------|
| Transmitter / receiver         | transmitter      |
| Range [m]                      | < 15             |
| Range adjustable               | no               |
| Max. light spot diameter [mm]  | 2000             |
| Light spot dimensions refer to | at maximum range |

## Operating conditions

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



## Through-beam sensor transmitter

OGS-OOKG/V4A/US-100

| Tests / approvals             |                                      |                |
|-------------------------------|--------------------------------------|----------------|
| EMC                           | EN 60947-5-2                         |                |
|                               | EN 55011                             | class B        |
| Mechanical data               |                                      |                |
| Housing                       | threaded type                        |                |
| Dimensions [mm]               | M18 x 1 / L = 60.5                   |                |
| Thread designation            | M18 x 1                              |                |
| Materials                     | stainless steel (1.4404 / 316L); PBT |                |
| Lens material                 | PMMA                                 |                |
| Displays / operating elements |                                      |                |
| Display                       | operation                            | 1 x LED, green |
| Accessories                   |                                      |                |
| Items supplied                | lock nuts: 2                         |                |
| Remarks                       |                                      |                |
| Pack quantity                 | 1 pcs.                               |                |
| Electrical connection         |                                      |                |

Connector: 1 x M12; coding: A; Contacts: gold-plated



## Connection

