

## Through-beam sensor receiver

OGE-HPKG/US



### Product characteristics

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

### Application

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

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...30 DC |
| Current consumption [mA]    | 8          |
| Protection class            | III        |
| Reverse polarity protection | yes        |
| Type of light               | red light  |
| Wave length [nm]            | 645        |

### Outputs

|                                                      |               |
|------------------------------------------------------|---------------|
| Electrical design                                    | PNP           |
| Output function                                      | light-on mode |
| Max. voltage drop switching output DC [V]            | 2.5           |
| Permanent current rating of switching output DC [mA] | 200           |
| Switching frequency DC [Hz]                          | 1000          |
| Short-circuit protection                             | yes           |
| Overload protection                                  | yes           |

### Detection zone

|                        |          |
|------------------------|----------|
| Transmitter / receiver | receiver |
| Range [m]              | < 8      |
| Range adjustable       | no       |

### Operating conditions

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| Ambient temperature [°C] | -25...60                                               |
| Protection               | IP 67; (in conjunction with a corresponding connector) |



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| Tests / approvals             |                  |                  |
|-------------------------------|------------------|------------------|
| EMC                           | EN 60947-5-2     |                  |
| MTTF                          | [years]          | 1335             |
| Mechanical data               |                  |                  |
| Weight                        | [g]              | 14.4             |
| Housing                       |                  | threaded type    |
| Dimensions                    | [mm]             | M18 x 1 / L = 44 |
| Thread designation            |                  | M18 x 1          |
| Materials                     |                  | housing: ABS     |
| Lens material                 |                  | PMMA             |
| Displays / operating elements |                  |                  |
| Display                       | switching status | 1 x LED, yellow  |
| Accessories                   |                  |                  |
| Items supplied                |                  | lock nuts: 2     |
| Remarks                       |                  |                  |
| Pack quantity                 |                  | 1 pcs.           |
| Electrical connection         |                  |                  |

Connector: 1 x M12; coding: A



### Connection

