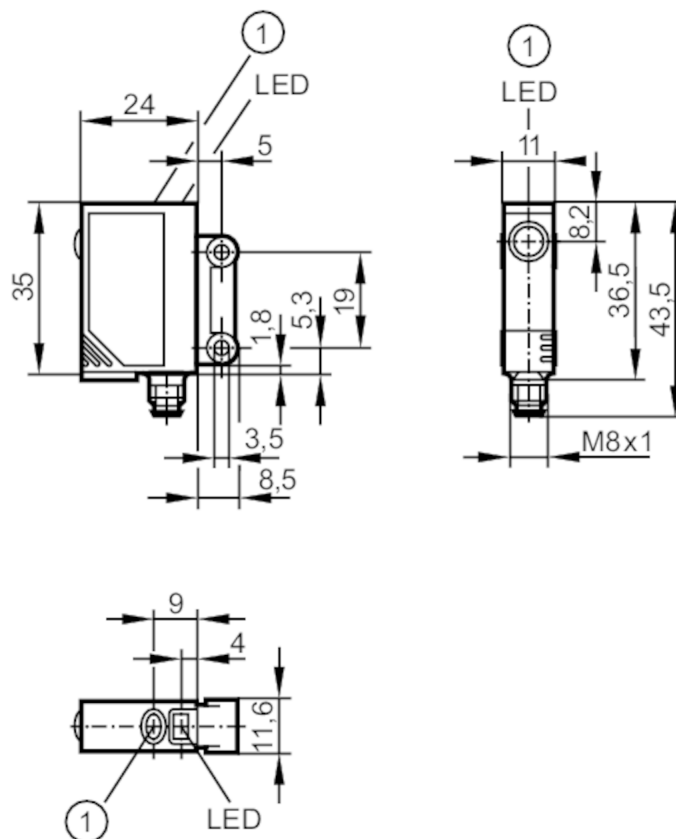


## Through-beam laser sensor transmitter

OJSLOOKG/SO/AS



1 pushbutton



### Product characteristics

|                        |             |
|------------------------|-------------|
| Type of light          | red light   |
| Laser protection class | 1           |
| Housing                | rectangular |

### Application

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

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...30 DC |
| Current consumption [mA]    | < 12       |
| Protection class            | III        |
| Reverse polarity protection | yes        |
| Type of light               | red light  |
| Wave length [Nm]            | 650        |
| Typ. lifetime [h]           | 50000      |

### Outputs

|                     |     |
|---------------------|-----|
| Overload protection | yes |
|---------------------|-----|



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| Detection zone                                                                      |                                                       |                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Transmitter / receiver                                                              | transmitter                                           |                                                                                                   |
| Range [m]                                                                           | < 1                                                   |                                                                                                   |
| Range adjustable                                                                    | no                                                    |                                                                                                   |
| Max. light spot diameter [mm]                                                       | 4                                                     |                                                                                                   |
| Light spot dimensions refer to                                                      | at maximum range                                      |                                                                                                   |
| Operating conditions                                                                |                                                       |                                                                                                   |
| Ambient temperature [°C]                                                            | -10...60                                              |                                                                                                   |
| Protection                                                                          | IP 67                                                 |                                                                                                   |
| Tests / approvals                                                                   |                                                       |                                                                                                   |
| EMC                                                                                 | EN 60947-5-2                                          |                                                                                                   |
| Laser protection class                                                              | 1                                                     |                                                                                                   |
| Notes on laser protection                                                           | Caution:                                              | laser light                                                                                       |
|                                                                                     | laser class:                                          | 1                                                                                                 |
|                                                                                     |                                                       | EN / IEC60825-1:2007                                                                              |
|                                                                                     |                                                       | EN / IEC60825-1:2014                                                                              |
|                                                                                     |                                                       | Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007. |
| MTTF [years]                                                                        | 918                                                   |                                                                                                   |
| Mechanical data                                                                     |                                                       |                                                                                                   |
| Weight [g]                                                                          | 40.4                                                  |                                                                                                   |
| Housing                                                                             | rectangular                                           |                                                                                                   |
| Dimensions [mm]                                                                     | 35 x 11 x 24                                          |                                                                                                   |
| Materials                                                                           | housing: ABS; LED window: SEPS; pushbutton: SEPS      |                                                                                                   |
| Lens material                                                                       | glass                                                 |                                                                                                   |
| Lens alignment                                                                      | side lens                                             |                                                                                                   |
| Displays / operating elements                                                       |                                                       |                                                                                                   |
| Display                                                                             | operation                                             | 1 x LED, green                                                                                    |
| Accessories                                                                         |                                                       |                                                                                                   |
| Items supplied                                                                      | screws: 2                                             |                                                                                                   |
|                                                                                     | spring washers: 2                                     |                                                                                                   |
|                                                                                     | Nuts: 2                                               |                                                                                                   |
| Remarks                                                                             |                                                       |                                                                                                   |
| Remarks                                                                             | operating voltage "supply class 2" according to cULus |                                                                                                   |
| Pack quantity                                                                       | 1 pcs.                                                |                                                                                                   |
| Electrical connection                                                               |                                                       |                                                                                                   |
| Connector: 1 x M8                                                                   |                                                       |                                                                                                   |
|  |                                                       |                                                                                                   |



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### Connection

