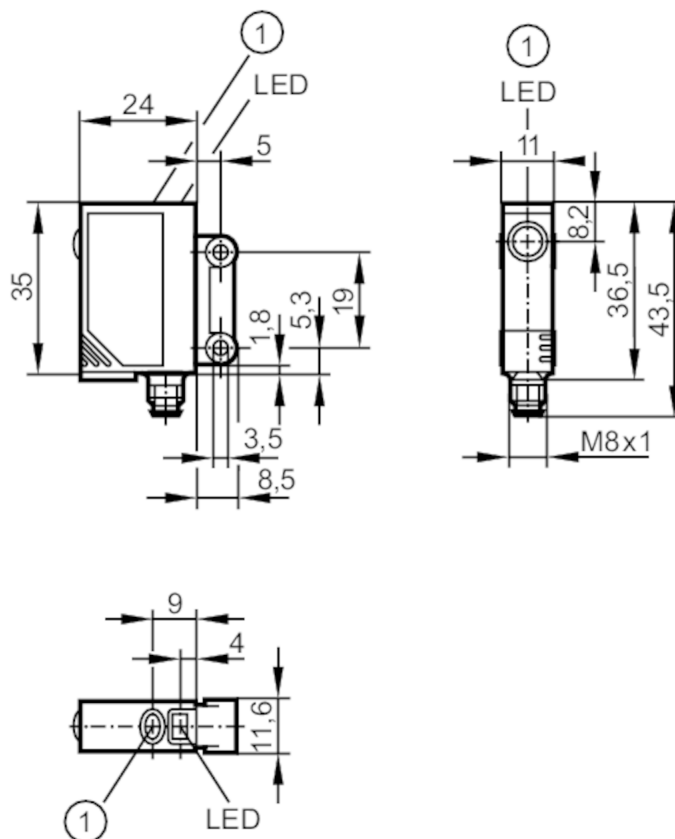




## Through-beam laser sensor transmitter

OJSLOOKG/SO/AS



1 pushbutton



### 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

### Detection zone

|                                |                  |
|--------------------------------|------------------|
| Transmitter / receiver         | transmitter      |
| Range [m]                      | < 15             |
| Range adjustable               | no               |
| Max. light spot diameter [mm]  | 24               |
| Light spot dimensions refer to | at maximum range |



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| Operating conditions          |           |                                                                                                                            |
|-------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature           | [°C]      | -10...60                                                                                                                   |
| Protection                    |           | IP 67                                                                                                                      |
| Tests / approvals             |           |                                                                                                                            |
| EMC                           |           | EN 60947-5-2                                                                                                               |
| Laser protection class        |           | 1; (IEC 60825-1 : 2007; Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.) |
| MTTF                          | [years]   | 918                                                                                                                        |
| Mechanical data               |           |                                                                                                                            |
| Weight                        | [g]       | 42                                                                                                                         |
| Housing                       |           | rectangular                                                                                                                |
| Dimensions                    | [mm]      | 35 x 11 x 24                                                                                                               |
| Materials                     |           | housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS                                                    |
| Lens material                 |           | glass                                                                                                                      |
| Lens alignment                |           | side lens                                                                                                                  |
| Displays / operating elements |           |                                                                                                                            |
| Display                       | operation | 1 x LED, green                                                                                                             |
| Accessories                   |           |                                                                                                                            |
| Accessories (supplied)        |           | screws: 2 x                                                                                                                |
|                               |           | spring washers: 2 x                                                                                                        |
|                               |           | Nuts: 2 x                                                                                                                  |
| Remarks                       |           |                                                                                                                            |
| Remarks                       |           | operating voltage "supply class 2" according to cULus                                                                      |
| Pack quantity                 |           | 1 pcs.                                                                                                                     |
| Electrical connection         |           |                                                                                                                            |
| Connector: 1 x M8             |           |                                                                                                                            |
|                               |           |                                                                                                                            |



# OJ5138



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### Connection

