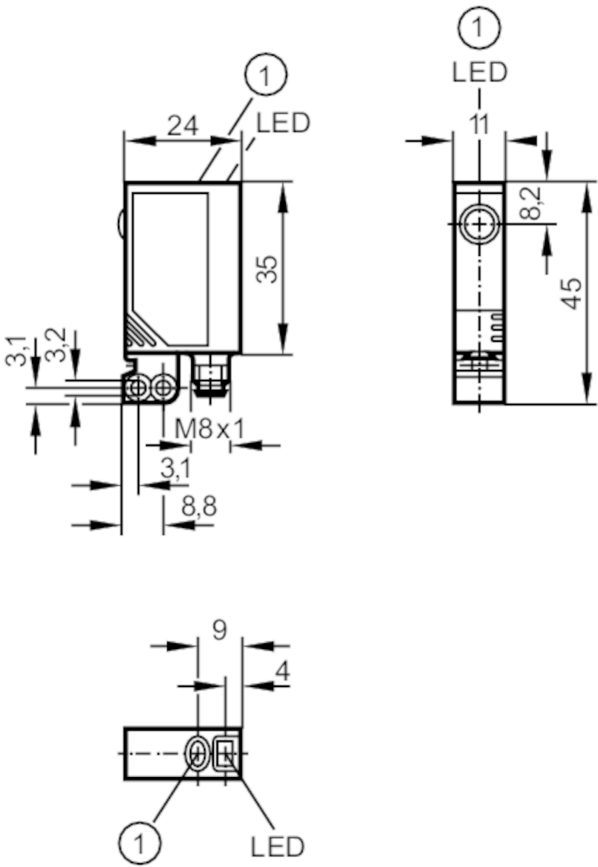




Through-beam sensor receiver

OJE-FPKG/SO/AS



1 pushbutton



| Product characteristics               |      |                                       |
|---------------------------------------|------|---------------------------------------|
| Type of light                         |      | red light                             |
| 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] | 660                                   |
| Outputs                               |      |                                       |
| Electrical design                     |      | PNP                                   |
| Output function                       |      | light-on/dark-on mode; (programmable) |
| Max. voltage drop switching output DC | [V]  | 2.5                                   |



## Through-beam sensor receiver

OJE-FPKG/SO/AS

|                                                 |      |        |
|-------------------------------------------------|------|--------|
| Permanent current rating of switching output DC | [mA] | 200    |
| Switching frequency DC                          | [Hz] | 1200   |
| Short-circuit protection                        |      | yes    |
| Type of short-circuit protection                |      | pulsed |
| Overload protection                             |      | yes    |

## Detection zone

|                        |     |          |
|------------------------|-----|----------|
| Transmitter / receiver |     | receiver |
| Range                  | [m] | < 10     |
| Range adjustable       |     | yes      |

## Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...60 |
| Protection          |      | IP 67    |

## Tests / approvals

|      |       |              |
|------|-------|--------------|
| EMC  |       | EN 60947-5-2 |
| MTTF | [ANN] | 952          |

## Mechanical data

|                |      |                                                                         |
|----------------|------|-------------------------------------------------------------------------|
| Weight         | [g]  | 26.8                                                                    |
| 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         | switching status | 1 x LED, yellow |
|                 | operation        | 1 x LED, green  |
|                 | function         | 1 x LED, red    |
| Electronic lock |                  | yes             |

## Аксессуары

|                |  |                       |
|----------------|--|-----------------------|
| Items supplied |  | Basic clip: 1, E20964 |
|                |  | screws: 2 x M3 x 16   |
|                |  | spring washers: 2     |
|                |  | Nuts: 2               |

## Remarks

|               |  |                                                       |
|---------------|--|-------------------------------------------------------|
| Remarks       |  | operating voltage "supply class 2" according to cULus |
| Pack quantity |  | 1 pcs.                                                |

## Through-beam sensor receiver

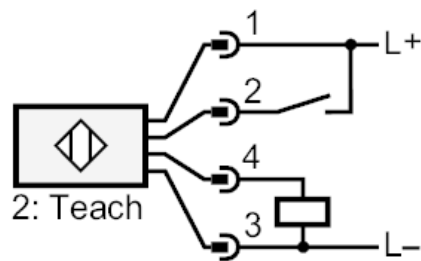
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### Electrical connection

Connector: 1 x M8; coding: A



### Connection



2 Teach



## Through-beam sensor receiver

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## Diagrams and graphs

excess gain graph

