

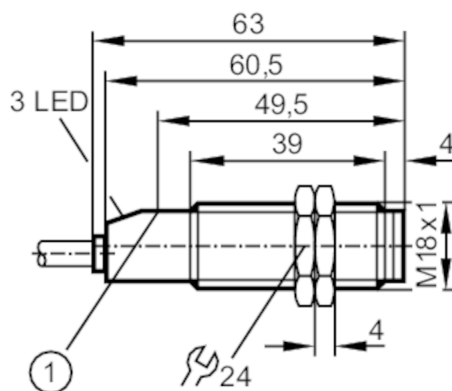
## Through-beam sensor receiver

OGE-FPKG/V4A/6M

Article no longer available - archive entry

Alternative articles: OGE302 or OGE303

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



1 pushbutton

## Product characteristics

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

## Application

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

## Electrical data

|                             |                |
|-----------------------------|----------------|
| Operating voltage [V]       | 10...36 DC     |
| Current consumption [mA]    | < 22           |
| Protection class            | II             |
| Reverse polarity protection | yes            |
| Type of light               | infrared light |
| Wave length [nm]            | 880            |

## Outputs

|                                                      |                                          |
|------------------------------------------------------|------------------------------------------|
| Electrical design                                    | PNP                                      |
| Output function                                      | light-on/dark-on mode; (parameterisable) |
| Max. voltage drop switching output DC [V]            | 2.5                                      |
| Permanent current rating of switching output DC [mA] | 200                                      |
| Short-time current rating of switching output [mA]   | 200                                      |
| Switching frequency DC [Hz]                          | 500                                      |
| Short-circuit protection                             | yes                                      |
| Type of short-circuit protection                     | pulsed                                   |
| Overload protection                                  | yes                                      |

## Detection zone

|                        |          |
|------------------------|----------|
| Transmitter / receiver | receiver |
|------------------------|----------|



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|                  |     |      |
|------------------|-----|------|
| Range            | [m] | < 15 |
| Range adjustable |     | yes  |

## Operating conditions

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

## Tests / approvals

|     |              |         |
|-----|--------------|---------|
| EMC | EN 60947-5-2 |         |
|     | EN 55011     | class B |

## Mechanical data

|                    |      |                                      |
|--------------------|------|--------------------------------------|
| Housing            |      | threaded type                        |
| Dimensions         | [mm] | M18 x 1 / L = 63                     |
| Thread designation |      | M18 x 1                              |
| Materials          |      | stainless steel (1.4404 / 316L); PBT |
| Lens material      |      | PMMA                                 |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|         | operation        | 1 x LED, green  |
|         | function         | 1 x LED, red    |

## Accessories

|                |  |              |
|----------------|--|--------------|
| Items supplied |  | lock nuts: 2 |
|----------------|--|--------------|

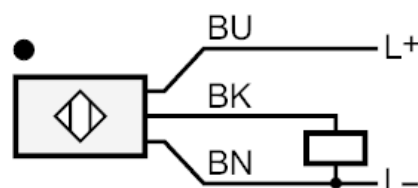
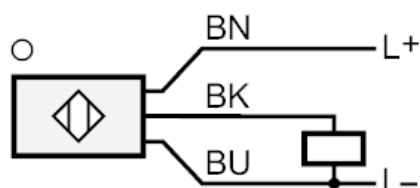
## Remarks

|               |  |        |
|---------------|--|--------|
| Pack quantity |  | 1 pcs. |
|---------------|--|--------|

## Electrical connection

Cable: 6 m, PVC; 3 x 0.34 mm<sup>2</sup>

## Connection



Core colours :

BN = brown

BU = blue

BK = black



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### Diagrams and graphs

excess gain graph

