



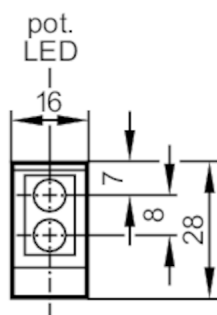
## Through-beam sensor receiver

OUE-HPKG/6M

Article no longer available - archive entry

Alternative articles: OU5047

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



receiver in upper lens



## Product characteristics

|               |                |
|---------------|----------------|
| Type of light | infrared light |
| Housing       | rectangular    |

## Application

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

## Electrical data

|                             |      |                |
|-----------------------------|------|----------------|
| Operating voltage           | [V]  | 10...55 DC     |
| Current consumption         | [mA] | 20; ((24 V))   |
| Protection class            |      | II             |
| Reverse polarity protection |      | yes            |
| Type of light               |      | infrared light |
| Wave length                 | [nm] | 880            |

## 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] | 250           |
| Switching frequency DC                          | [Hz] | 140           |
| Short-circuit protection                        |      | yes           |
| Type of short-circuit protection                |      | pulsed        |
| Overload protection                             |      | yes           |

## Detection zone

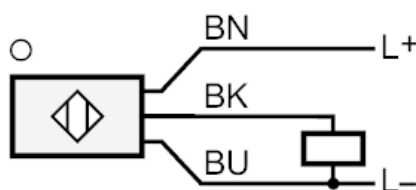
|                        |     |          |
|------------------------|-----|----------|
| Transmitter / receiver |     | receiver |
| Range                  | [m] | < 6      |
| Range adjustable       |     | yes      |



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OUE-HPKG/6M

| Operating conditions                      |                  |                          |
|-------------------------------------------|------------------|--------------------------|
| Ambient temperature                       | [°C]             | -25...80                 |
| Protection                                |                  | IP 67                    |
| Tests / approvals                         |                  |                          |
| EMC                                       | EN 60947-5-2     |                          |
|                                           | EN 55011         | class B                  |
| MTTF                                      | [years]          | 618                      |
| Mechanical data                           |                  |                          |
| Weight                                    | [g]              | 0.297                    |
| Housing                                   |                  | rectangular              |
| Dimensions                                | [mm]             | 28 x 16 x 51             |
| Materials                                 |                  | PPO modified             |
| Lens material                             |                  | glass                    |
| Lens alignment                            |                  | side lens                |
| Displays / operating elements             |                  |                          |
| Display                                   | switching status | 1 x LED, yellow          |
| Accessories                               |                  |                          |
| Items supplied                            |                  | Angle bracket: 1, E20211 |
| Remarks                                   |                  |                          |
| Pack quantity                             |                  | 1 pcs.                   |
| Electrical connection                     |                  |                          |
| Cable: 6 m, PVC; 3 x 0.34 mm <sup>2</sup> |                  |                          |
| Connection                                |                  |                          |



|    |       |
|----|-------|
| BN | brown |
| BU | blue  |
| BK | black |

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## Diagrams and graphs

excess gain graph

