



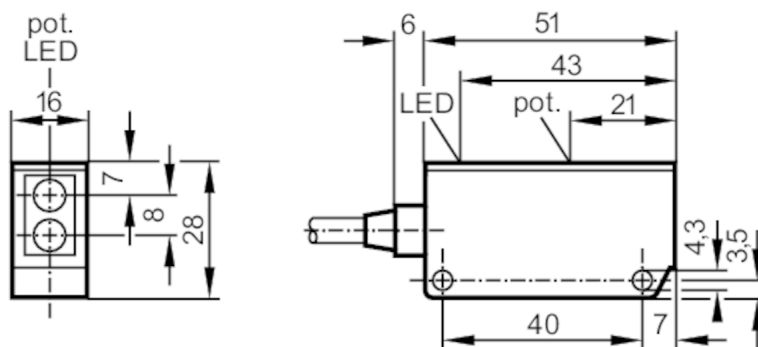
## Through-beam sensor transmitter

OUS-00KG/6M

Article no longer available - archive entry

Alternative articles: OU5045

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



one transmitting diode each in upper and lower 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

|                                  |        |
|----------------------------------|--------|
| Short-circuit protection         | yes    |
| Type of short-circuit protection | pulsed |
| Overload protection              | yes    |

## Detection zone

|                                |                  |
|--------------------------------|------------------|
| Transmitter / receiver         | transmitter      |
| Range [m]                      | < 6              |
| Range adjustable               | no               |
| Max. light spot diameter [mm]  | 734              |
| Light spot dimensions refer to | at maximum range |

## Operating conditions

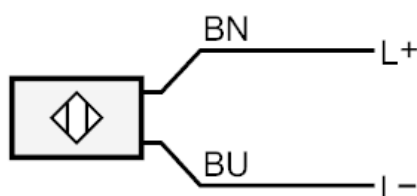
|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...80 |
| Protection          |      | IP 67    |



## Through-beam sensor transmitter

OUS-00KG/6M

| Tests / approvals                         |              |                          |
|-------------------------------------------|--------------|--------------------------|
| EMC                                       | EN 60947-5-2 |                          |
|                                           | EN 55011     | class B                  |
| MTTF                                      | [years]      | 1801                     |
| Mechanical data                           |              |                          |
| Weight                                    | [g]          | 0.258                    |
| Housing                                   |              | rectangular              |
| Dimensions                                | [mm]         | 28 x 16 x 51             |
| Materials                                 |              | PPO modified             |
| Lens material                             |              | glass                    |
| Lens alignment                            |              | side lens                |
| Displays / operating elements             |              |                          |
| Display                                   | operation    | 1 x LED, yellow          |
| Accessories                               |              |                          |
| Items supplied                            |              | Angle bracket: 1, E20211 |
| Remarks                                   |              |                          |
| Pack quantity                             |              | 1 pcs.                   |
| Electrical connection                     |              |                          |
| Cable: 6 m, PVC; 2 x 0.34 mm <sup>2</sup> |              |                          |
| Connection                                |              |                          |



BN = Core colours : brown  
 BU = blue  
 BK = black