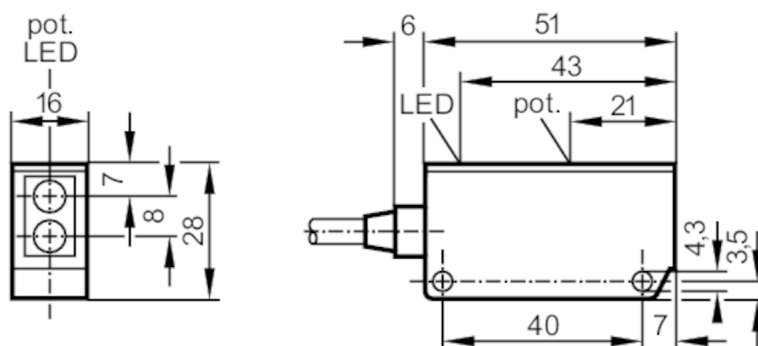


## Through-beam sensor receiver

OUE-DNKG

Article no longer available - archive entry



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] | 950            |

## Outputs

|                                                 |      |              |
|-------------------------------------------------|------|--------------|
| Electrical design                               |      | NPN          |
| Output function                                 |      | dark-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      |

## Operating conditions

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



Through-beam sensor receiver

OUE-DNKG

| Tests / approvals |              |         |
|-------------------|--------------|---------|
| EMC               | EN 60947-5-2 |         |
|                   | EN 55011     | class B |

| Mechanical data |      |              |
|-----------------|------|--------------|
| Weight          | [g]  | 0.148        |
| Housing         |      | rectangular  |
| Dimensions      | [mm] | 28 x 16 x 51 |
| Materials       |      | PPO modified |
| Lens material   |      | glass        |

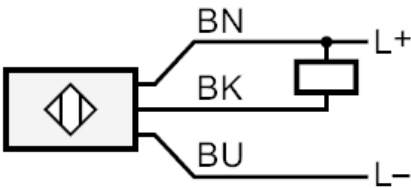
| Displays / operating elements |                  |                 |
|-------------------------------|------------------|-----------------|
| Display                       | switching status | 1 x LED, yellow |

| Аксессуары     |                          |
|----------------|--------------------------|
| Items supplied | Angle bracket: 1, E20211 |

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

| Electrical connection         |  |
|-------------------------------|--|
| Cable: 2 m, PVC; 3 x 0.34 mm² |  |

Connection



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



## Through-beam sensor receiver

OUE-DNKG

## Diagrams and graphs

excess gain graph

