

## Overview

- Extended functional reserve capacities for maximum reliability
- Baumer PinPoint LED: Small, homogeneous light spot with sharp edges
- Fixed preset for the simplest commissioning
- Quick mounting by means of M3 threaded bushes made of brass



Picture similar



## Technical data

### General data

|                                     |                           |
|-------------------------------------|---------------------------|
| Type                                | Retro-reflective sensor   |
| Light source                        | Pulsed PinPoint LED       |
| Actual range Sb                     | 5 m                       |
| Nominal range Sn                    | 6 m                       |
| Polarization filter                 | Yes                       |
| Alignment / soiled lens indicator   | Flashing output indicator |
| Output indicator                    | LED yellow                |
| Power on indication                 | LED green                 |
| Wave length                         | 634 nm                    |
| Suppression of reciprocal influence | Yes                       |
| Alignment optical axis              | < 1,5°                    |

### Electrical data

|                                    |               |
|------------------------------------|---------------|
| Response time / release time       | < 0.5 ms      |
| Voltage supply range +Vs           | 10 ... 30 VDC |
| Current consumption max. (no load) | 50 mA         |
| Current consumption typ.           | 25 mA         |

### Electrical data

|                             |              |
|-----------------------------|--------------|
| Voltage drop Vd             | <2 VDC       |
| Output function             | Dark operate |
| Output circuit              | Push-pull    |
| Output current              | 100 mA       |
| Short circuit protection    | Yes          |
| Reverse polarity protection | Yes          |

### Mechanical data

|                     |                             |
|---------------------|-----------------------------|
| Width / diameter    | 11 mm                       |
| Height / length     | 32 mm                       |
| Depth               | 21 mm                       |
| Design              | Rectangular                 |
| Mechanical mounting | Threaded sleeves M3 (brass) |
| Housing material    | Plastic (ABS, ASA, PMMA)    |
| Front (optics)      | PMMA                        |
| Connection types    | Connector M8 4 pin          |

### Ambient conditions

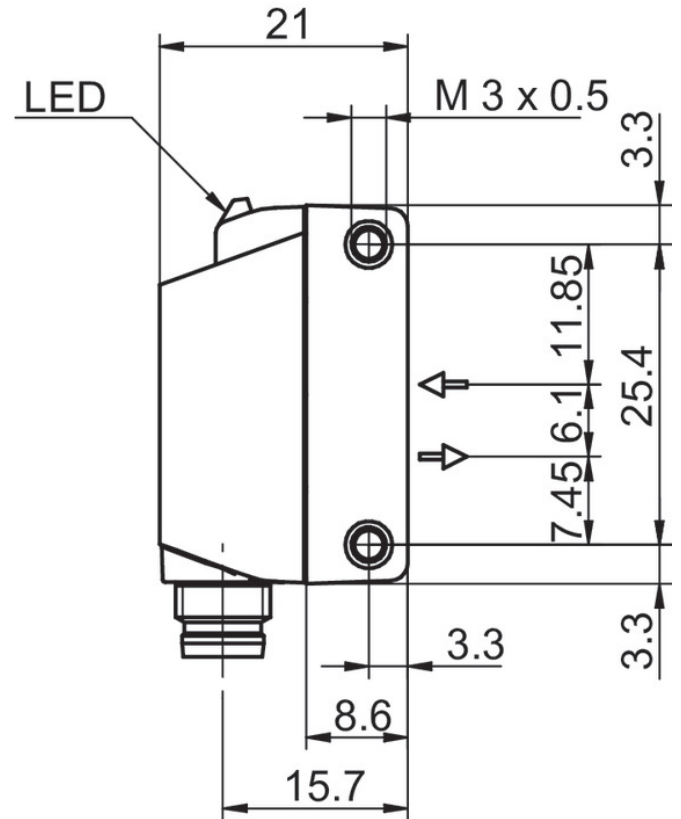
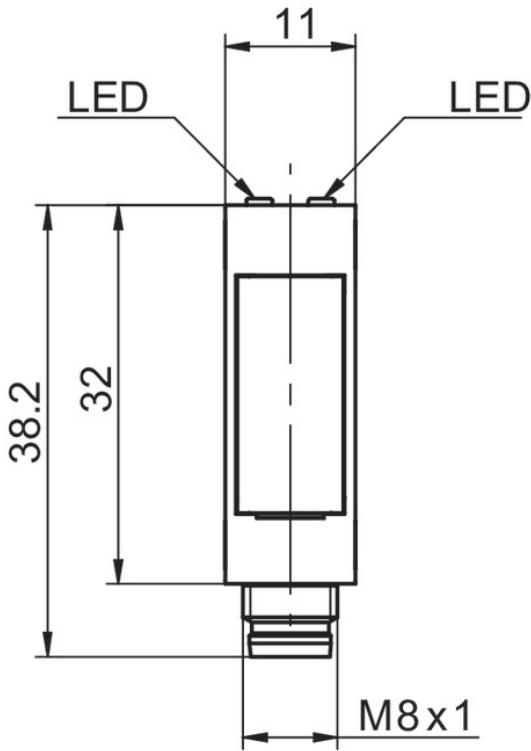
|                       |                |
|-----------------------|----------------|
| Operating temperature | -25 ... +55 °C |
| Protection class      | IP 67          |
| Storage temperature   | -40 ... +70 °C |

## O330.RP-GDZZZ.72N/H006

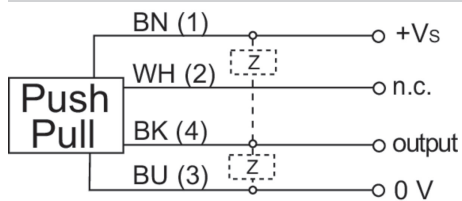
Retro-reflective sensors - miniature

Article number: 11261233

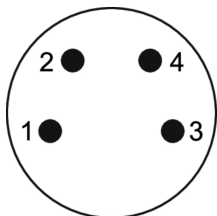
### Technical drawings



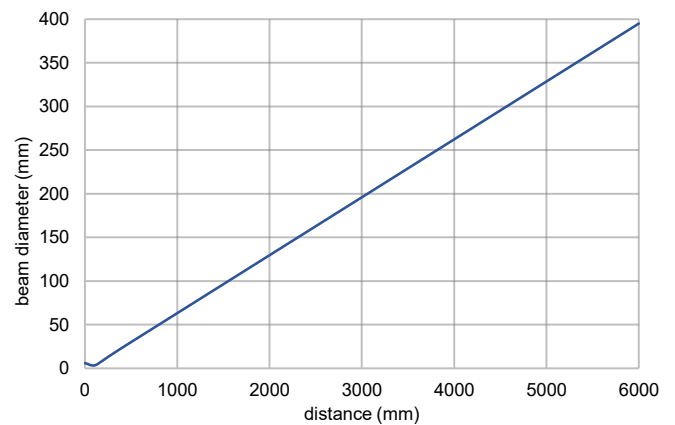
### Connection diagram



### Pin assignment



### Beam characteristic (typically)



#### Excess gain curve

