

## FZDM 08P1001

Diffuse sensors with intensity difference - subminiature

Article number: 10218479

### Overview

- intensity difference
- < 40 mm
- pulsed infrared diode
- PNP
- no
- cable 3 pin, 2 m
- -25 ... 65 °C
- IP 65



Picture similar



### Technical data

#### General data

|                                     |                          |
|-------------------------------------|--------------------------|
| Type                                | Intensity difference     |
| Light source                        | Pulsed infrared diode    |
| Sensing distance $T_w$              | < 40 mm                  |
| Alignment / soiled lens indicator   | Flashing light indicator |
| Light indicator                     | LED red                  |
| Sensitivity adjustment              | No                       |
| Wave length                         | 880 nm                   |
| Suppression of reciprocal influence | Yes                      |

#### Electrical data

|                                    |               |
|------------------------------------|---------------|
| Response time / release time       | < 1 ms        |
| Voltage supply range +Vs           | 10 ... 30 VDC |
| Current consumption max. (no load) | 42 mA         |
| Current consumption typ.           | 20 mA         |

#### Electrical data

|                             |               |
|-----------------------------|---------------|
| Voltage drop $V_d$          | < 2 VDC       |
| Output function             | Light operate |
| Output circuit              | PNP           |
| Output current              | < 100 mA      |
| Short circuit protection    | Yes           |
| Reverse polarity protection | Yes           |

#### Mechanical data

|                  |                   |
|------------------|-------------------|
| Width / diameter | 8 mm              |
| Height / length  | 58 mm             |
| Depth            | 12 mm             |
| Type             | Rectangular       |
| Housing material | Aluminum anodized |
| Front (optics)   | PC                |
| Connection types | Cable 3 pin, 2 m  |

#### Ambient conditions

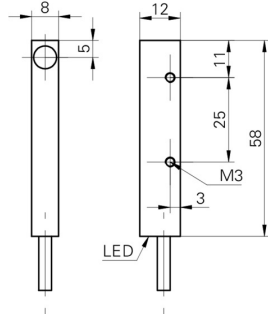
|                       |                |
|-----------------------|----------------|
| Protection class      | IP 65          |
| Operating temperature | -25 ... +65 °C |

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## Dimension drawing



## Connection diagram

