

## FZDM 08P3001/S35L

Diffuse sensors with intensity difference - subminiature

Article number: 10238044

### Overview

- intensity difference
- < 40 mm
- pulsed infrared diode
- PNP
- no
- connector M8, 3 pin
- -25 ... 65 °C
- IP 65



Picture similar



### Technical data

#### General data

Type	Intensity difference
Light source	Pulsed infrared diode
Sensing distance Tw	< 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 Vd	< 2 VDC
Output function	Dark operate
Output circuit	PNP
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

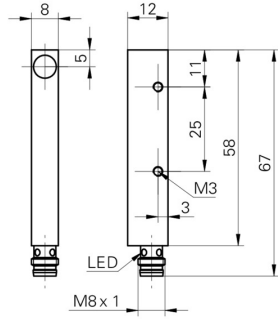
Width / diameter	8 mm
Height / length	58 mm
Depth	12 mm
Type	Rectangular
Housing material	Aluminum anodized
Front (optics)	PC
Connection types	Connector M8, 3 pin

#### Ambient conditions

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

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## Dimension drawing



## Connection diagram

