

FZDM 16N5101

Diffuse sensors with intensity difference - standard

Article number: 10122416

Overview

- intensity difference
- < 400 mm
- pulsed infrared diode
- NPN
- potentiometer, 270°
- cable 4 pin, 2 m
- -25 ... 65 °C
- IP 67



Picture similar



Technical data

General data

Type	Intensity difference
Light source	Pulsed infrared diode
Sensing distance Tw	< 400 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Sensitivity adjustment	Potentiometer, 270°
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)	41 mA
Current consumption typ.	29 mA

Electrical data

Voltage drop Vd	< 1.8 VDC
Output function	Light / dark operate
Output circuit	NPN
Output current	< 200 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Width / diameter	15.4 mm
Height / length	50 mm
Depth	50 mm
Type	Rectangular
Housing material	Die-cast zinc
Front (optics)	PMMA
Connection types	Cable 4 pin, 2 m

Ambient conditions

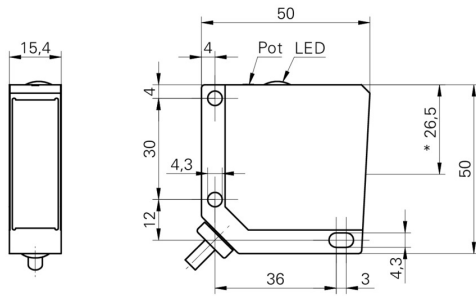
Protection class	IP 67
Operating temperature	-25 ... +65 °C

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Dimension drawing



- * emitter axis

Connection diagram

