

FZDK 14P5101/S14

Diffuse sensors with intensity difference - standard

Article number: 11001231

Overview

- intensity difference
- 5 ... 600 mm
- pulsed red LED
- PNP
- potentiometer, 270°
- connector M12 4 pin
- -25 ... 65 °C
- IP 67



Picture similar



Technical data

General data

Type	Intensity difference
Light source	Pulsed red LED
Sensing distance Tw	5 ... 600 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Sensitivity adjustment	Potentiometer, 270°
Wave length	660 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)	25 mA
Current consumption typ.	20 mA

Electrical data

Voltage drop Vd	< 1.8 VDC
Output function	Light / dark operate
Output circuit	PNP
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Width / diameter	14.8 mm
Height / length	43 mm
Depth	31 mm
Type	Rectangular
Housing material	Plastic (ASA, MABS)
Front (optics)	PMMA
Connection types	Connector M12 4 pin

Ambient conditions

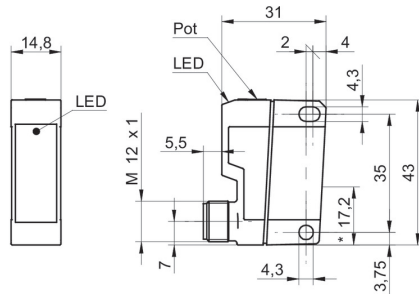
Protection class	IP 67
Operating temperature	-25 ... +65 °C

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Dimension drawing



- * emitter axis

Connection diagram

