

## FZAM 12N3104/S14

Diffuse sensors with intensity difference - miniature

Article number: 10234806

### Overview

- intensity difference
- 30 ... 200 mm
- pulsed infrared diode
- NPN
- potentiometer, 270°
- connector M12 4 pin
- -25 ... 65 °C
- IP 65



Picture similar



### Technical data

#### General data

Type	Intensity difference
Light source	Pulsed infrared diode
Sensing distance Tw	30 ... 200 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)	42 mA
Current consumption typ.	24 mA

#### Electrical data

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

#### Mechanical data

Width / diameter	12 mm
Height / length	80 mm
Type	Cylindrical threaded
Housing material	Brass nickel plated
Front (optics)	PC
Connection types	Connector M12 4 pin

#### Ambient conditions

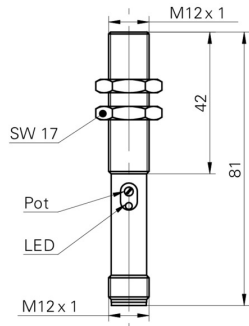
Protection class	IP 65
Operating temperature	-25 ... +65 °C

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## Dimension drawing



## Connection diagram

