Diffuse sensors with intensity difference

FZAM 12N1104/S14

Diffuse sensors with intensity difference - miniature

Article number: 10234805

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	Light 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

2022-11-10 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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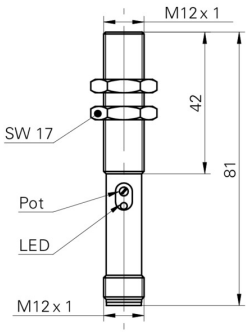
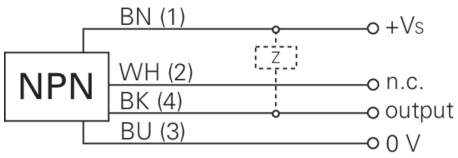
Dimension drawing



Connection diagram



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