

# FZAM 18N1150/S14

Fiber optic sensors

Article number: 10129021

## Overview

- 150 mm
- 800 mm
- pulsed infrared diode
- NPN
- potentiometer, 270°
- connector M12 4 pin
- -25 ... 55 °C
- IP 67



Picture similar



## Technical data

### General data

Light source	Pulsed infrared diode
Light indicator	LED yellow
Alignment / soiled lens indicator	LED, flashing
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)	45 mA
Current consumption typ.	30 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

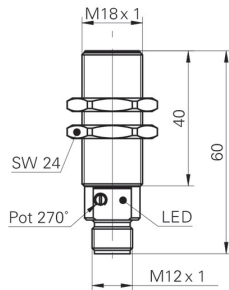
### Mechanical data

Width / diameter	18 mm
Height / length	60 mm
Design	Cylindrical threaded
Housing material	Brass nickel plated / PC
Connection types	Connector M12 4 pin

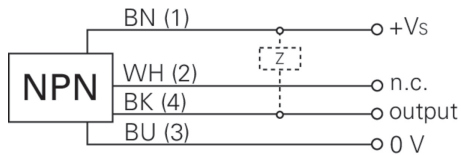
### Ambient conditions

Operating temperature	-25 ... +55 °C
Protection class	IP 67

## Dimension drawing



## Connection diagram



## Accessories

### Mounting accessories

10151658	Sensofix series 18
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707699	Mounting plate series 500 and ø18 mm
11707702	Mounting base
11707703	Two-way connector

### Lenses and components

10101958	Adjusting plate series 18
10101480	Replacements cap nut for fiber optics series 18