

## 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

Actual range Sb	800 mm
Sensing distance Tw	150 mm
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

#### Electrical data

Current consumption typ.	30 mA
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

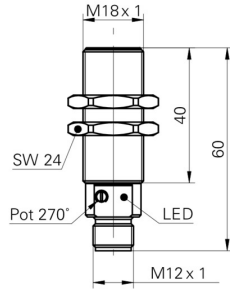
Width / diameter	18 mm
Height / length	60 mm
Type	Cylindrical threaded
Housing material	Brass nickel plated / PC
Connection types	Connector M12 4 pin

#### Ambient conditions

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

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## Dimension drawing



## Connection diagram

