

FZAM 18N1150/S14

Diffuse sensors with intensity difference

Article number: 10129021

Overview

- intensity difference
- 60 ... 430 mm
- pulsed infrared diode
- NPN
- potentiometer, 270°
- connector M12 4 pin
- -25 ... 55 °C
- IP 67



Picture similar



Technical data

General data

Type	Intensity difference
Light source	Pulsed infrared diode
Sensing distance Tw	60 ... 430 mm
Sensing distance Tw (with doubling lense)	80 ... 800 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)	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

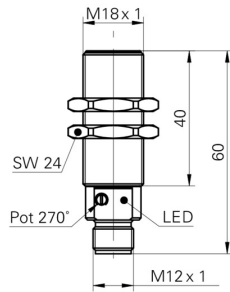
Width / diameter	18 mm
Height / length	60 mm
Type	Cylindrical threaded
Housing material	Brass nickel plated / PC
Front (optics)	PC
Connection types	Connector M12 4 pin

Ambient conditions

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

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Dimension drawing



Connection diagram

