

## FZAM 18P6460/S14

Diffuse sensors with intensity difference

Article number: 10127710

### Overview

- intensity difference
- 60 ... 430 mm
- pulsed infrared diode
- PNP
- Teach-in
- 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 green
Output indicator	LED yellow
Sensitivity adjustment	Teach-in
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)	55 mA

#### Electrical data

Current consumption typ.	40 mA
Voltage drop Vd	< 1.8 VDC
Output function	Light / dark operate, alarm
Output circuit	PNP
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

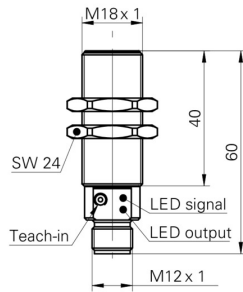
Protection class	IP 67
Operating temperature	-25 ... +55 °C

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## Dimension drawing



## Connection diagram

