

## FZAM 18N1155

Diffuse sensors with intensity difference

Article number: 10129023

### Overview

- intensity difference
- 20 ... 150 mm
- pulsed infrared diode
- NPN
- potentiometer, 15 turn
- cable 3 pin, 2 m
- -25 ... 55 °C
- IP 65



Picture similar



### Technical data

#### General data

Type	Intensity difference
Light source	Pulsed infrared diode
Sensing distance Tw	20 ... 150 mm
Sensing distance Tw (with doubling lense)	30 ... 280 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Sensitivity adjustment	Potentiometer, 15 turn
Wave length	880 nm
Suppression of reciprocal influence	Yes

#### Electrical data

Response time / release time	< 0.5 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

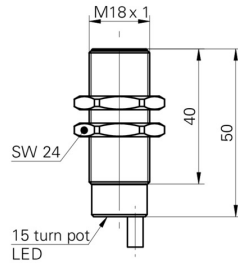
Width / diameter	18 mm
Height / length	50 mm
Type	Cylindrical threaded
Housing material	Brass nickel plated / PC
Front (optics)	PC
Connection types	Cable 3 pin, 2 m

#### Ambient conditions

Protection class	IP 65
Operating temperature	-25 ... +55 °C

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## Dimension drawing



## Connection diagram

