

FZAM 18N6460

Diffuse sensors with intensity difference

Article number: 10128874

Overview

- intensity difference
- 60 ... 430 mm
- pulsed infrared diode
- NPN
- Teach-in
- cable 4 pin, 2 m
- -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 | NPN |
| Output current | < 200 mA |
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |

Mechanical data

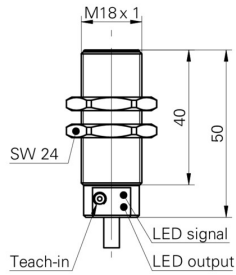
| | |
|------------------|--------------------------|
| Width / diameter | 18 mm |
| Height / length | 50 mm |
| Type | Cylindrical threaded |
| Housing material | Brass nickel plated / PC |
| Front (optics) | PC |
| Connection types | Cable 4 pin, 2 m |

Ambient conditions

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

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Dimension drawing



Connection diagram

