

**Overview**

- 150 mm
- 800 mm
- pulsed infrared diode
- NPN
- potentiometer, 270°
- cable 3 pin, 2 m
- -25 ... 55 °C
- IP 67



Picture similar



**Technical data**

**General data**

|                                     |                       |
|-------------------------------------|-----------------------|
| 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         |
| Current consumption typ.           | 30 mA         |

**Electrical data**

|                             |               |
|-----------------------------|---------------|
| 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           |

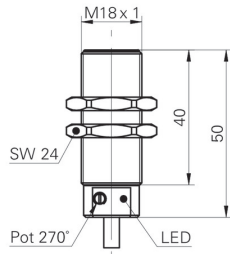
**Mechanical data**

|                  |                          |
|------------------|--------------------------|
| Width / diameter | 18 mm                    |
| Height / length  | 50 mm                    |
| Design           | Cylindrical threaded     |
| Housing material | Brass nickel plated / PC |
| Connection types | Cable 3 pin, 2 m         |

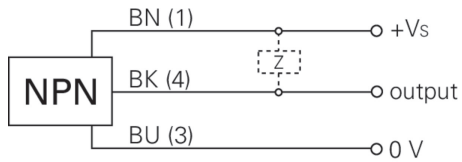
**Ambient conditions**

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

**Dimension drawing**



**Connection diagram**



**Accessories**

**Mounting accessories**

|          |  |
|----------|--|
| 10151658 | Sensofix series 18                             |
| 11707685 | Mounting rod with mounting plate holder 200 mm |
| 11707686 | Mounting rod with mounting plate holder 300 mm |
| 11707688 | Mounting rod 200 mm                            |
| 11707697 | Mounting rod 250 mm                            |
| 11707698 | Mounting rod with mounting plate holder 250 mm |
| 11707687 | Mounting rod 300 mm                            |
| 11707699 | Mounting plate series 500 and ø18 mm           |
| 11707702 | Mounting base                                  |
| 11707703 | Two-way connector                              |

**Lenses and components**

|          |   |
|----------|---|
| 10101958 | Adjusting plate series 18                       |
| 10101480 | Replacements cap nut for fiber optics series 18 |