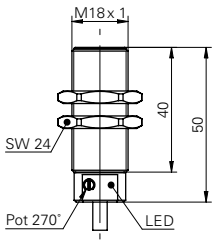
# Fiber optic sensors & cables

# FZAM 18P1150

## dimension drawing




| general data | |
|---|---|
| actual range Sb | 800 mm |
| sensing distance Tw | 150 mm |
| 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 |
| voltage drop Vd | < 1,8 VDC |
| output function | light operate |
| output circuit | PNP |
| 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 |
| connection types | cable 3 pin, 2 m |

| ambient conditions | |
|---|---|
| operating temperature | -25 ... +55 °C |
| protection class | IP 67 |

## photo



## connection diagram

