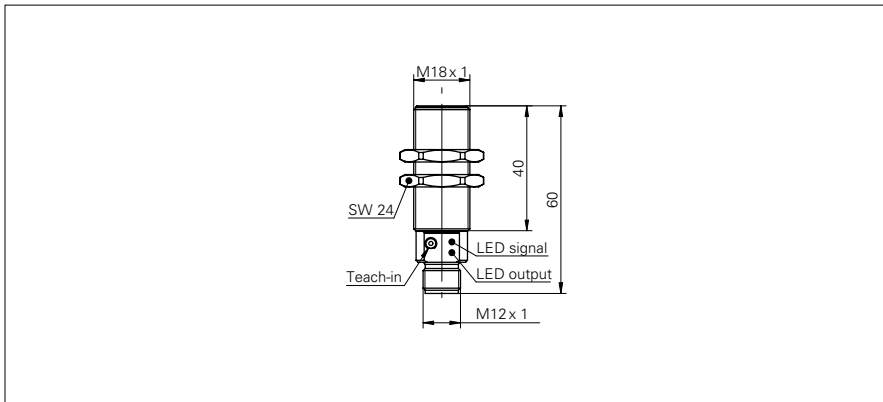


Fiber optic sensors & cables

FZAM 18P6460/S14

dimension drawing



general data

| | |
|-------------------------------------|-----------------------|
| actual range Sb | 800 mm |
| sensing distance Tw | 150 mm |
| light source | pulsed infrared diode |
| light indicator | LED green |
| alignment / soiled lens indicator | LED green, flashing |
| output indicator | LED yellow |
| 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 |
| current consumption typ. | 40 mA |
| voltage drop Vd | < 1,8 VDC |
| output function | light / dark operate switchable |
| 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 |
| connection types | connector M12 4 pin |

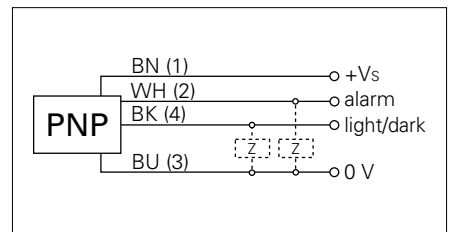
ambient conditions

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

photo



connection diagram



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