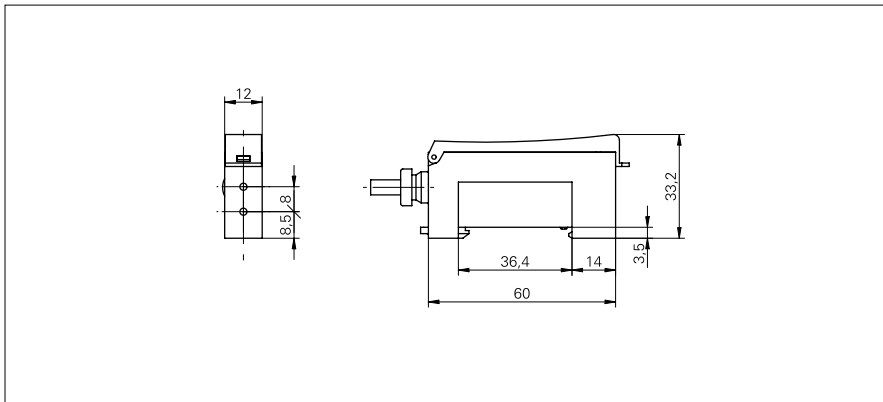


Fiber optic sensors & cables

FVDK 12P6101

dimension drawing



general data

| | |
|------------------------------------|---------------------|
| actual range Sb (FSE 200C1002) | 320 mm |
| sensing distance Tw (FUE 200C1003) | 90 mm |
| light source | pulsed red LED |
| light indicator | LED green |
| alignment / soiled lens indicator | LED green, flashing |
| output indicator | LED yellow |
| adjustment | Teach-in |
| wave length | 660 nm |

electrical data

| | |
|------------------------------------|---------------------------------|
| response time / release time | < 1 ms |
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 46 mA |
| current consumption typ. | 36 mA |
| voltage drop Vd | < 1,8 VDC |
| output function | light / dark operate switchable |
| output circuit | PNP |
| output current | < 100 mA |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|------------------|-------------|
| width / diameter | 12 mm |
| height / length | 33,2 mm |
| depth | 60 mm |
| type | rectangular |
| housing material | PBT / PC |
| connection types | cable, 2 m |

ambient conditions

| | |
|-----------------------|----------------|
| operating temperature | -25 ... +55 °C |
| protection class | IP 65 |

photo



connection diagram

