

Overview

- pulsed red LED
- PNP
- Teach-in
- connector M8 4 pin
- -25 ... 55 °C
- IP 65



Picture similar



Technical data

General data

| | |
|------------------------------------|-------------------------|
| Version | Integrated alarm output |
| 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 |

Electrical data

| | |
|-----------------------------|---------------------------------|
| Current consumption typ. | 36 mA |
| Voltage drop Vd | < 1.8 VDC |
| Output function | Light / dark operate switchable |
| Min. output pulse length | 40 ms |
| 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 | Connector M8 4 pin |

Ambient conditions

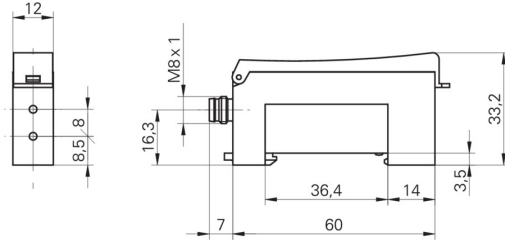
| | |
|-----------------------|----------------|
| Operating temperature | -25 ... +55 °C |
| Protection class | IP 65 |

FVDK 12P6501/S35A

Fiber optic sensors & cables

Article number: 10119665

Dimension drawing



Connection diagram

