

FVDK 10N66Z0/S35A

Fiber optic sensors - FVDK 66 (high sensitivity)

Article number: 11214494

Overview

- pulsed red LED
- NPN
- Teach-in
- connector M8 4 pin
- -20 ... 55 °C
- IP 40



Picture similar



Technical data

General data

| | |
|-------------------------------------|---------------------|
| Actual range Sb (FSE 200C1002) | 940 mm |
| Sensing distance Tw (FUE 200C1003) | 260 mm |
| Light source | Pulsed red LED |
| Light indicator | 2 x 4-digit display |
| Output indicator | LED yellow |
| Adjustment | Teach-in |
| Wave length | 660 nm |
| Suppression of reciprocal influence | Yes |

Electrical data

| | |
|------------------------------------|----------------------------|
| Response time / release time | 0.25 ... 5 ms (adjustable) |
| Voltage supply range +Vs | 10.8 ... 26.4 VDC |
| Current consumption max. (no load) | 30 mA |

Electrical data

| | |
|-----------------------------|---------------------------------|
| Voltage drop Vd | <2.1 VDC |
| Output function | Light / dark operate switchable |
| On / off delay | 1 ... 5000 ms |
| Output circuit | NPN |
| Output current | 100 mA |
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |

Mechanical data

| | |
|------------------|--------------------|
| Width / diameter | 10 mm |
| Height / length | 33.8 mm |
| Depth | 70.2 mm |
| Type | Rectangular |
| Housing material | Polycarbonate/ABS |
| Connection types | Connector M8 4 pin |

Ambient conditions

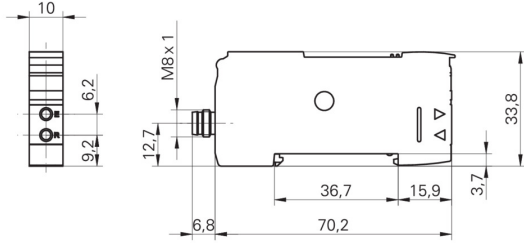
| | |
|-----------------------|----------------|
| Operating temperature | -20 ... +55 °C |
| Protection class | IP 40 |

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Dimension drawing



Connection diagram

