

FVDK 10N66YR

Fiber optic sensors - FVDK 66 (standard version)

Article number: 11045460

Overview

- pulsed red LED
- NPN
- Teach-in: button / external
- cable, 2 m
- -20 ... 55 °C
- IP 40



Picture similar

Technical data

General data

| | |
|-------------------------------------|-----------------------------|
| Light source | Pulsed red LED |
| Light indicator | 2 x 4-digit display |
| Output indicator | LED yellow |
| Adjustment | Teach-in: button / external |
| Wave length | 645 nm |
| Suppression of reciprocal influence | Yes |

Electrical data

| | |
|------------------------------------|---------------------------------|
| Response time / release time | 0.25 ... 1 ms (adjustable) |
| Voltage supply range +Vs | 10.8 ... 26.4 VDC |
| Current consumption max. (no load) | 30 mA |
| Voltage drop Vd | <2.1 VDC |
| Output function | Light / dark operate switchable |

Electrical data

| | |
|-----------------------------|---------------|
| On / off delay | 1 ... 5000 ms |
| Output circuit | NPN |
| Output current | 100 mA |
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |

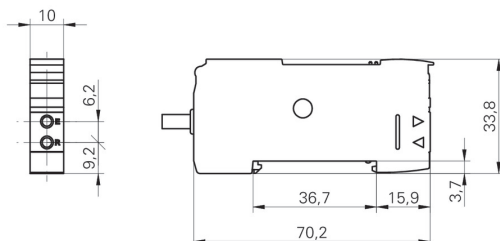
Mechanical data

| | |
|------------------|-------------------|
| Width / diameter | 10 mm |
| Height / length | 33.8 mm |
| Depth | 70.2 mm |
| Design | Rectangular |
| Housing material | Polycarbonate/ABS |
| Connection types | Cable, L=2 m |

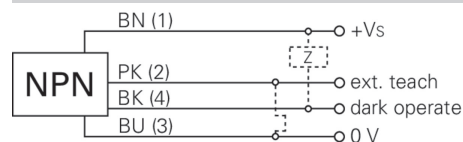
Ambient conditions

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

Dimension drawing



Connection diagram



Accessories

Mounting accessories

| | |
|----------|--|
| 10159806 | Mounting bracket for fiber optic sensors series 60, 66, 67, 80 |
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