

# 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

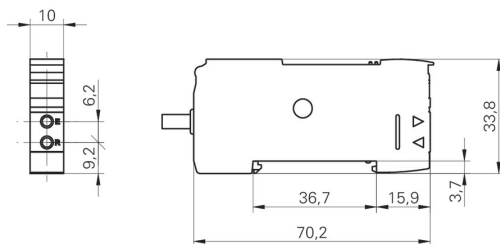
### Mechanical data

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

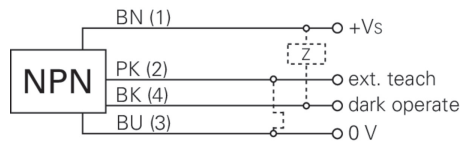
### Ambient conditions

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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