

FVDK 10N66Y0/S35A

Fiber optic sensors - FVDK 66 (standard version)

Article number: 11045448

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)	340 mm
Sensing distance Tw (FUE 200C1003)	130 mm
Light source	Pulsed red LED
Light indicator	2 x 4-digit display
Output indicator	LED yellow
Adjustment	Teach-in
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

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

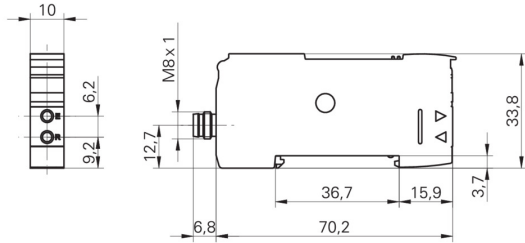
Operating temperature	-20 ... +55 °C
Protection class	IP 40

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Dimension drawing



Connection diagram

