

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

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
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	Connector M8 4 pin

Ambient conditions

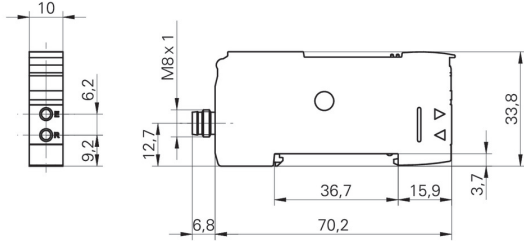
Operating temperature	-20 ... +55 °C
Protection class	IP 40

FVDK 10N66Z0/S35A

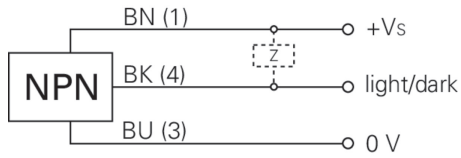
Fiber optic sensors - FVDK 66 (high sensitivity)

Article number: 11214494

Dimension drawing



Connection diagram



Accessories

Mounting accessories

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