

## FVDK 10P66Z0/S35A

Fiber optic sensors - FVDK 66 (high sensitivity)

Article number: 11214493

### overview

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



### 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 in-  
fluence 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 < 3 VDC

#### electrical data

output function light / dark operate switchable

on / off delay 1 ... 5000 ms

output circuit PNP

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

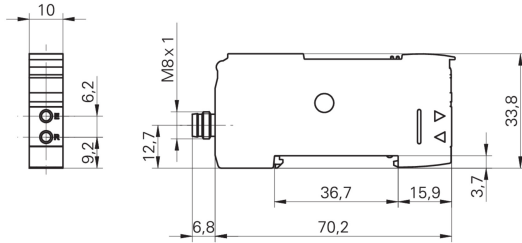
protection class IP 40

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## dimension drawing



## connection diagram

