

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



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 < 2,1 VDC

electrical data

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

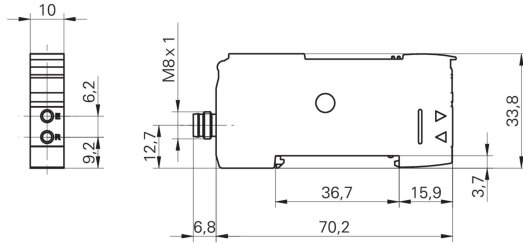
protection class IP 40

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dimension drawing



connection diagram

