Baumer
Passion for Sensors

Fiber optic sensors & cables

FVDK 10N66Z0

Fiber optic sensors - FVDK 66 (high sensitivity)

Article number: 11214479

overview

- pulsed red LED
- NPN
- Teach-in
- cable, 2 m
- -20 … 55 °C
- IP 40

CE

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 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

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	cable, 2 m
ambient conditions	
operating temperature	-20 … +55 °C
protection class	IP 40

2019-06-18 Design and specifications subject to change without notice

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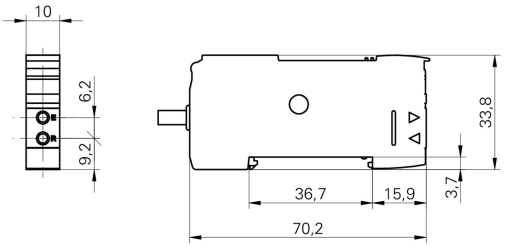
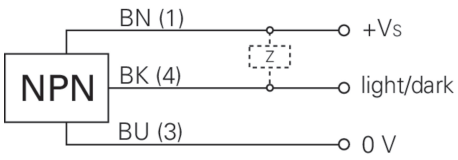
dimension drawing



connection diagram



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