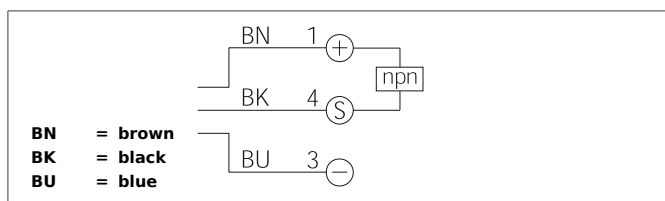


OLK 71 N3-T4

Amplifier for plastic fiber optics

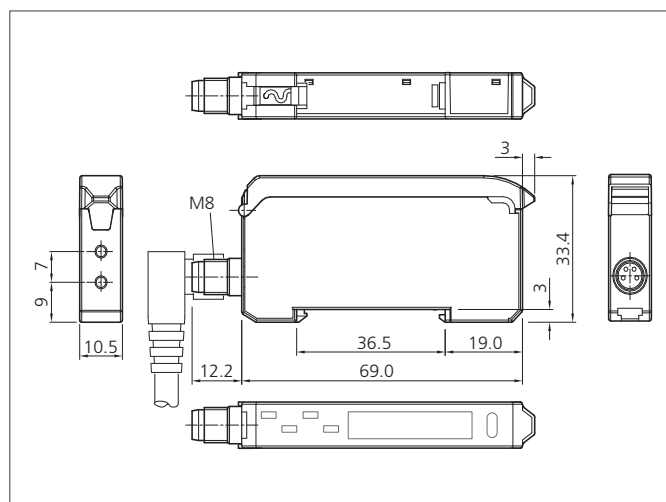
- High operating distance
- Easy operation
- Two digital LED displays for threshold value and actual value
- Teach-in / manual fine adjustment
- Timer function / offset-function
- Light/dark switching switchable



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)

+20°C, 24V DC

Amplifier for	Plastic fiber optics 2x2,2 mm
Evaluation	digital
Emitted light	Red, 625 nm
Service voltage	12 ... 24 V DC $\pm$ 10%
No-load current	40 mA
Control elements	4
Sensitivity adjustment	Teach key
Switching output	npn, 100 mA, NO/NC, programmable
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Display	digital LED display
Switching frequency	1,0 / 0,8 / 0,6 / 0,4 / 0,2 kHz
Response-/release time	0,25 / 0,31 / 0,42 / 0,63 / 1,25 ms
Response time	0,25 / 0,31 / 0,42 / 0,63 / 1,25 ms
Ambient temperature, operation	-10 ... +55 °C
Ambient light immunity	10 kLx
Insulation voltage endurance	1.000 V
Protection class	IP 54
Protection degree	III, operation on protective low voltage
Casing material	ABS / PC
Connection	Connector, M8, 4-poled