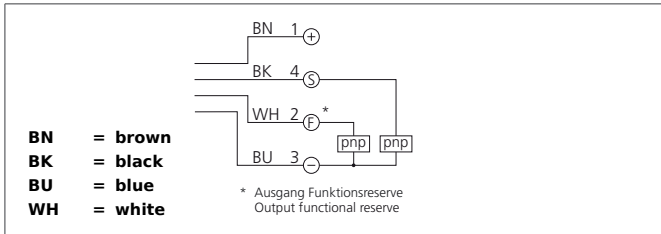


# OLVK 61 P3FK-TSSL/5000 Hz

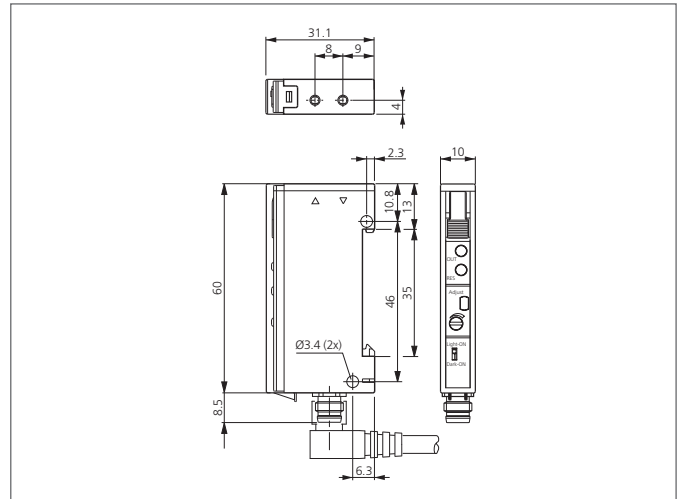
## Amplifier for plastic fiber optics

- DIN-rail mounting and lateral mounting holes
- Mountable side by side, 10 mm mounting grid
- 12-turn metal potentiometer with illuminated readout
- Scanning range up to 200 mm, operating range up to 1500 mm
- Version with functional reserve output
- 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, 680 nm, clocked
Service voltage		10 ... 30 V DC (Supply Class 2)
No-load current		< 15 mA
Sensitivity adjustment		potentiometer
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 10 %
Shock-/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop		< 2,0 V
Switching frequency		5000 Hz
Response-/release time		0,10 ms / 0,10 ms
Ambient temperature, operation		-25 ... +55 °C
Temperature drift		0,2 %/K
Ambient light immunity		10 kLx
Insulation voltage endurance		500 V
Protection class		IP 64
Casing material		plastics (PBT)
Connection		Connector, M8, 4-poled