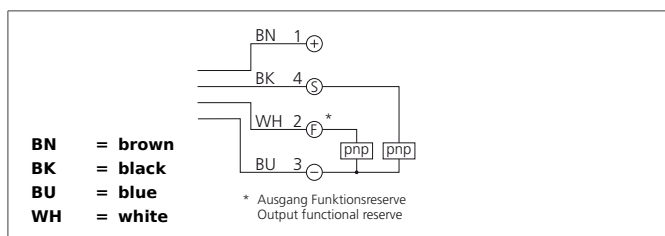


OLVK 61 P3FK-TSSL

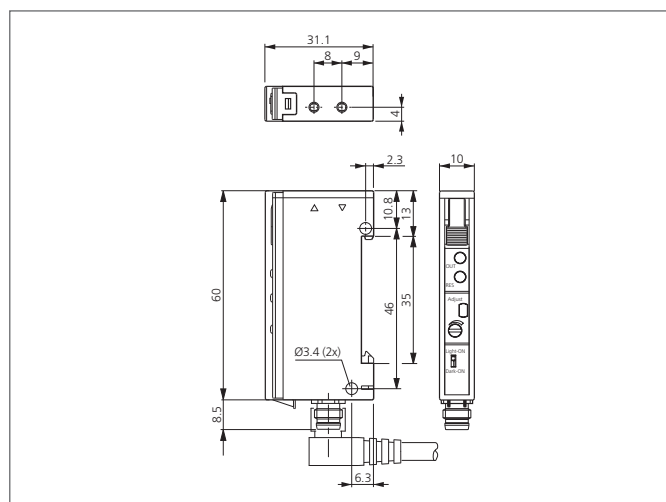
Amplifier for plastic fiber optics

- 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
- Version with timer 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.)	
Amplifier for	+20°C, 24V DC
Evaluation	Plastic fiber optics 2x2,2 mm
Emitted light	digital
Service voltage	Red, 680 nm, clocked
No-load current	10 ... 30 V DC (Supply Class 2)
Sensitivity adjustment	< 15 mA
Switching output	potentiometer
Switching hysteresis	pnp, 200 mA, NO/NC, switchable
Shock-/vibration load	< 10 %
Voltage drop	10 ... 55 Hz / 1,0 mm / 30 g
Switching frequency	< 2,0 V
Response-/release time	1500 Hz
Ambient temperature, operation	0,33 ms / 0,33 ms
Temperature drift	-25 ... +55 °C
Ambient light immunity	0,2 %/K
Insulation voltage endurance	10 kLx
Protection class	5.000 V
Casing material	IP 64
Connection	plastics (PBT)
	Connector, M8, 4-poled