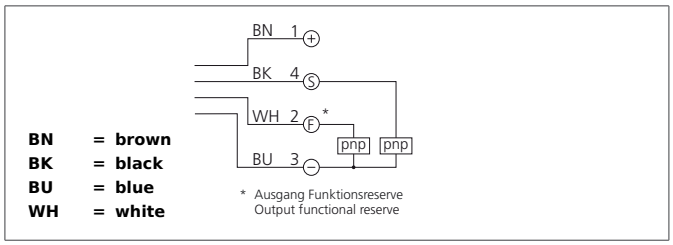
# OLVK 61 P3FK-TSSL

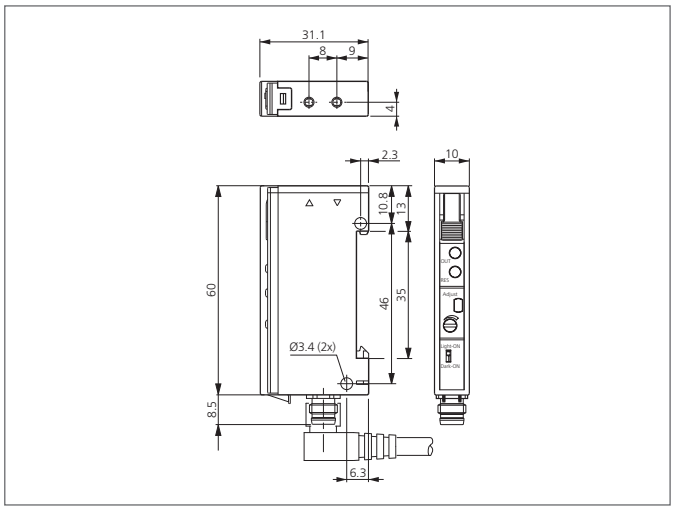
## Amplifier for plastic fiber optics

- 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.) | +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) |
| Internal power consumption | < 15 mA |
| Sensitivity adjustment | potentiometer |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Switching hysteresis | < 10 % |
| Voltage drop | < 2,0 V |
| Switching frequency | 1.500 Hz |
| Response-/release time | < 0,33 ms / < 0,33 ms |
| Ambient temperature | -25 ... +55 °C |
| Temperature drift | 0,2 %/K |
| Ambient light immunity | 10 kLx |
| Insulation voltage endurance | 5.000 V |
| Protection class | IP 64 |
| Casing material | plastics (PBT) |
| Connection | Connector, M8, 4-poled |