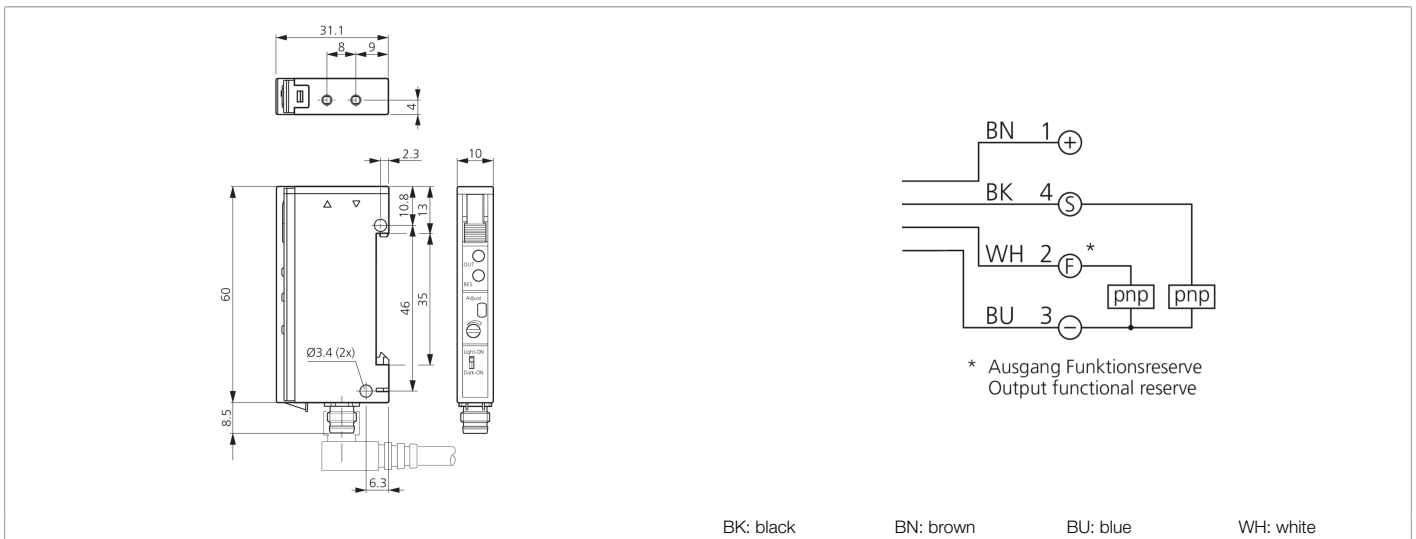





**204470**  
**OLVK 61 P3FK-TSSL**  
**Plastic fiber-optic amplifier**

- 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, range up to 1500 mm
- Version with function reserve output
- Version with timer function
- Switch for light/dark switching



| Function |  |  |  |  |  |  |  |  |  |  |  |    |   |
|----------|--|--|--|--|--|--|--|--|--|--|--|----|---|
|          |  |  |  |  |  |  |  |  |  |  |  | CE |  |

| Technical data (typ.)        | +20°C, 24 V DC                           |
|------------------------------|--|
| Service voltage              | 10 ... 30 V DC (Supply Class 2)          |
| No-load current (max.)       | 15 mA                                    |
| Insulation voltage endurance | 5000 V                                   |
| Housing length               | 60 mm                                    |
| Housing height               | 31.1 mm                                  |
| Housing width                | 10 mm                                    |
| Housing material             | Plastic (PBT)                            |
| Protection class             | III, operation on protective low voltage |
| Amplifier for                | 2X2.2 mm plastic fiber optics            |
| Evaluation                   | digital                                  |
| Design                       | Cuboid design                            |
| Switching output             | pnp, 200 mA, NO/NC, switchable           |
| Voltage drop (max.)          | 2 V                                      |
| Light source                 | LED                                      |
| Color                        | Red                                      |
| Wavelength                   | 680 nm                                   |
| Modulation                   | Clocked                                  |
| Ambient light immunity       | 10 kLx                                   |
| Switching hysteresis (max.)  | 10 %                                     |
| Sensitivity adjustment       | Potentiometer                            |



204470

OLVK 61 P3FK-TSSL

Plastic fiber-optic amplifier

| Technical data (typ.)                | +20°C, 24 V DC  |
|--------------------------------------|---|
| Display                              | No display  |
| Switching frequency                  | 1500 Hz   |
| Response time                        | 0.33 ms   |
| Release time                         | 0.33 ms   |
| Ambient temperature during operation | -25 ... +55 °C  |
| Temperature drift                    | 0.2 %/K   |
| Protection type                      | IP 64   |
| Connection                           | Connector, M8, 4-pin  |
| More information / accessories       | <a href="https://www.di-soric.com/204470">https://www.di-soric.com/204470</a> |