



206123

OLVK 61 P3FLK

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
- 3-pin and 4-pin plug version
- 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 |  |  |  |  |  |  |  |  |  |  |  |  |   |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|---|
|          |  |  |  |  |  |  |  |  |  |  |  |  |   |

| 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          | 500 V   |
| Housing material                      | Plastic (PBT)   |
| Material of cable                     | PVC   |
| Protection class                      | III, operation on protective low voltage                                      |
| Amplifier for                         | 2X2.2 mm plastic fiber optics   |
| Evaluation                            | digital   |
| Design                                | Cuboid design   |
| Switching output                      | NO/NC   |
| 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   |
| Switching frequency                   | 10 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                            | Cable, 2.0 m  |
| <b>More information / accessories</b> | <a href="https://www.di-soric.com/206123">https://www.di-soric.com/206123</a> |