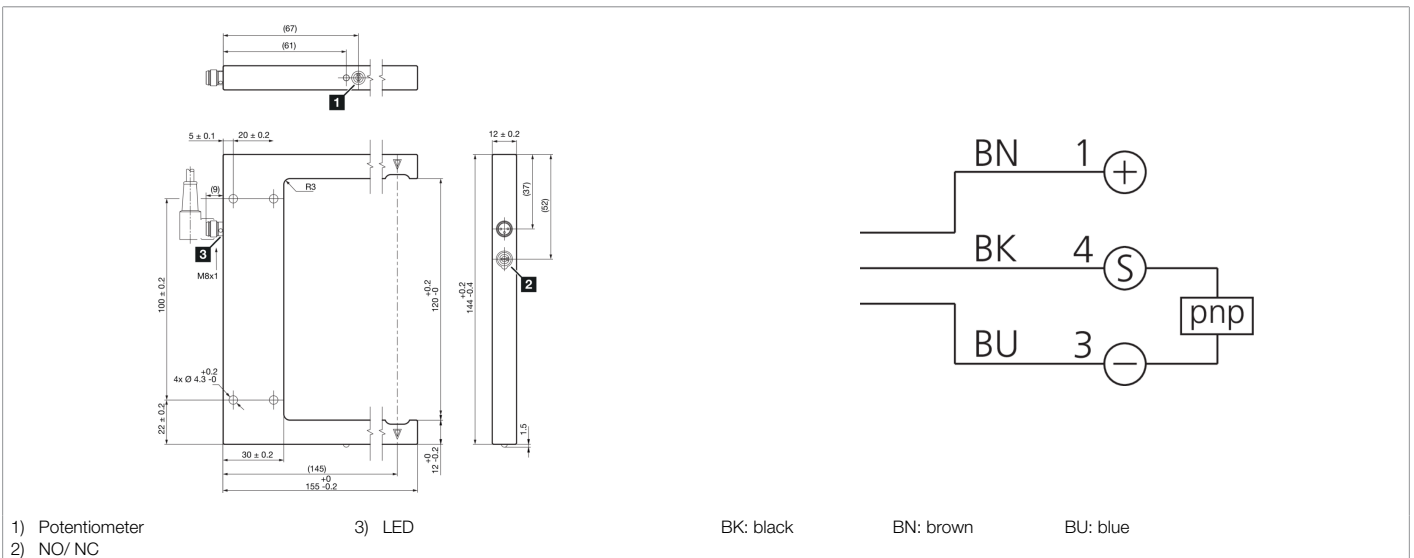


203596
OGU 121/125 VP3K-TSSL
Fork light barrier

- Light/dark switching
- Extremely high resolution
- Metal casing
- Electronics integrated
- Sensitivity is adjustable
- High switching frequency
- Bright ring LED
- High protection type



| Function | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |

| Technical data (typ.) | | +20°C, 24 V DC |
|------------------------------|--|--|
| Service voltage | | 10 ... 35 V DC (Supply Class 2) |
| No-load current (max.) | | 40 mA |
| Insulation voltage endurance | | 500 V |
| Leg length internal | | 125 mm |
| Housing dimensions | | 144 x 155 x 12 mm |
| Housing length | | 155 mm |
| Housing height | | 144 mm |
| Housing width | | 12 mm |
| Housing material | | Aluminum (Black, Anodized) |
| Protection class | | III, operation on protective low voltage |
| Approvals | | UL |
| Operating principle | | Optical |
| Evaluation | | digital |
| Design | | Fork |
| Characteristics | | Adjustable from the front |
| Switching output | | pnp, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | | 2.8 V |
| Light source | | LED |
| Color | | red |



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Fork light barrier

| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------------|--|
| Wavelength | 660 nm |
| Modulation | Clocked |
| Ambient light immunity | 40 kLx |
| Fork opening | 120 mm |
| Resolution | Ø 0.8 mm |
| Switching hysteresis (max.) | 0.25 mm |
| Reproducibility | 0.06 mm |
| Sensitivity adjustment | Potentiometer |
| Switching frequency | 2000 Hz |
| Ambient temperature during operation | -10 ... +60 °C |
| Protection type | IP 67 |
| Connection | Connector, M8, 3-pin |
| Connection cable | TK ... |
| More information / accessories | https://www.di-soric.com/203596 |