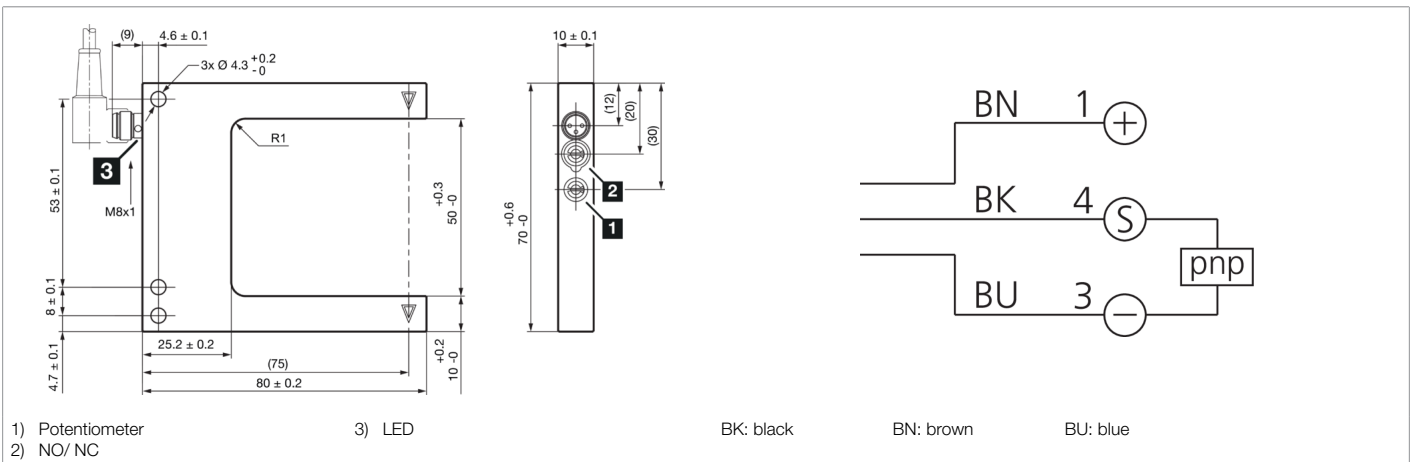


201283
OGU 051 VP3K-TSSL
Fork light barrier

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



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

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|--|
| Service voltage | 10 ... 30 V DC (Supply Class 2) |
| No-load current (max.) | 30 mA |
| Insulation voltage endurance | 500 V |
| Leg length internal | 55 mm |
| Housing dimensions | 70 x 80 x 10 mm |
| Housing length | 80 mm |
| Housing height | 70 mm |
| Housing width | 10 mm |
| Housing material | Die-cast zinc (Black, powder-coated) |
| 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, 100 mA, NO/NC, switchable |
| Voltage drop (max.) | 1 V |
| Light source | LED |
| Color | red |
| Modulation | Clocked |
| Ambient light immunity | 40 kLx |
| Fork opening | 50 mm |



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| | |
|---------------------------------------|--|
| Technical data (typ.) | +20°C, 24 V DC |
| Resolution | Ø 0.5 mm |
| Switching hysteresis (max.) | 0.25 mm |
| Reproducibility | 0.04 mm |
| Sensitivity adjustment | Potentiometer |
| Switching frequency | 5000 Hz |
| Ambient temperature during operation | -25 ... +60 °C |
| Protection type | IP 67 |
| Connection | Connector, M8, 3-pin |
| Connection cable | TK ... |
| More information / accessories | https://www.di-soric.com/201283 |