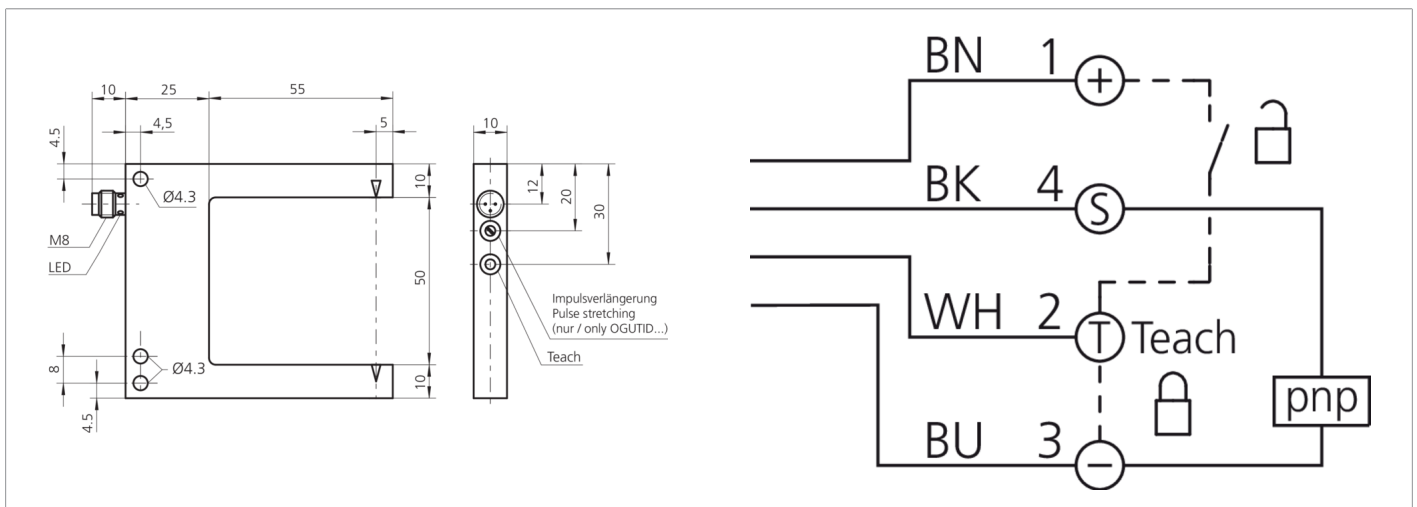




202428
OGUTI 051 FP3K-TSSL
Fork light barrier

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- Remote teach with key-lock function
- LED indicator for the teach procedure
- Detection of even the smallest objects
- Large functional reserve
- Light/dark switching



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

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|--|
| Service voltage | 10 ... 35 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 |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | 2 V |
| Color | red |
| Modulation | Clocked |
| Ambient light immunity | 20 kLx |
| Fork opening | 50 mm |
| Resolution | Ø 0.3 mm |



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| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------------|--|
| Switching hysteresis (max.) | < 0.1 mm |
| Reproducibility | 0.03 mm |
| Sensitivity adjustment | Teach key + remote teach |
| Switching frequency | < 3000 Hz |
| Ambient temperature during operation | -10 ... +60 °C |
| Protection type | IP 67 |
| Connection | Connector, M8, 4-pin |
| Connection cable | TK ... |
| More information / accessories | https://www.di-soric.com/202428 |