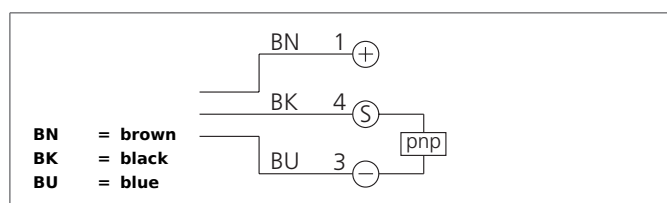


OGUTID 051 P3K-TSSL

Fork Light Barrier

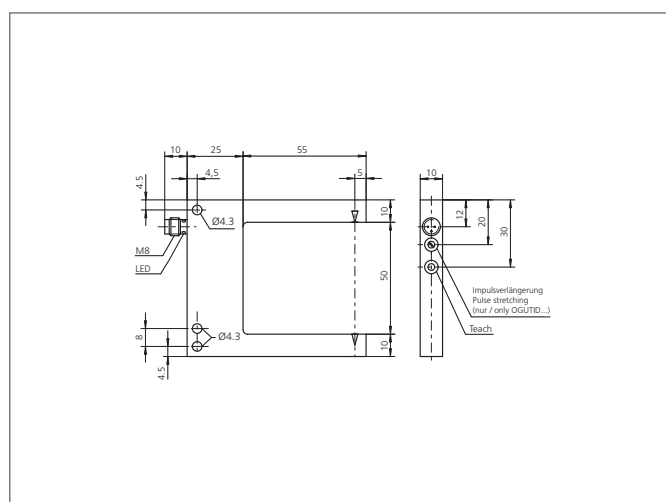
- Adjustable pulse stretching
- High resolution
- Dynamic operating principle
- LED indicator for the teach procedure
- High functional reserve
- Light/dark switching
- 5-year warranty



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|------------------------------|---|
| Operating principle | Optical |
| Evaluation | dynamic |
| Size | 70 x 80 x 10 mm (Dimensions) |
| Design | fork |
| Fork opening | 50 mm |
| Branch length | 55 mm |
| Emitted light | Red, 660 nm, clocked |
| Service voltage | 10 ... 35 V DC (Supply Class 2) |
| Internal power consumption | < 30 mA |
| Resolution | Ø 0.15 mm |
| Sensitivity adjustment | Teach key |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Minimum speed | 5 cm/s |
| Pulse stretching | 5 ... 150 ms adjustable (at max.: 1.000 ms) |
| Voltage drop | 2,0 V |
| Switching frequency | 100 Hz, (depending on the pulse stretching) |
| Response-/release time | 0,1 ms |
| Ambient temperature | -10 ... +60 °C |
| Ambient light immunity | 15 kLx |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |
| Protection degree | III, operation on protective low voltage |
| Casing material | Die-cast zinc black lacquered finish |

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| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|------------------------------|------------------------|
| Connection | Connector, M8, 3-poled |
| Connecting cable | TK ... |