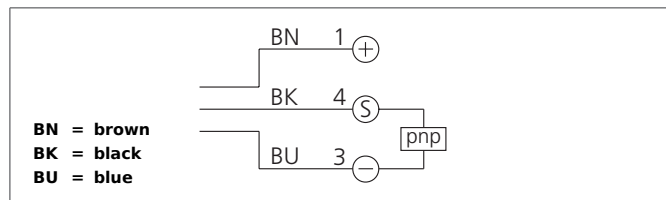


OGUTID 031 P3K-TSSL

Fork Light Barrier

- Adjustable pulse stretching
- High resolution
- Compact design
- LED indicator for the teach procedure
- High functional reserve
- Light/dark switching

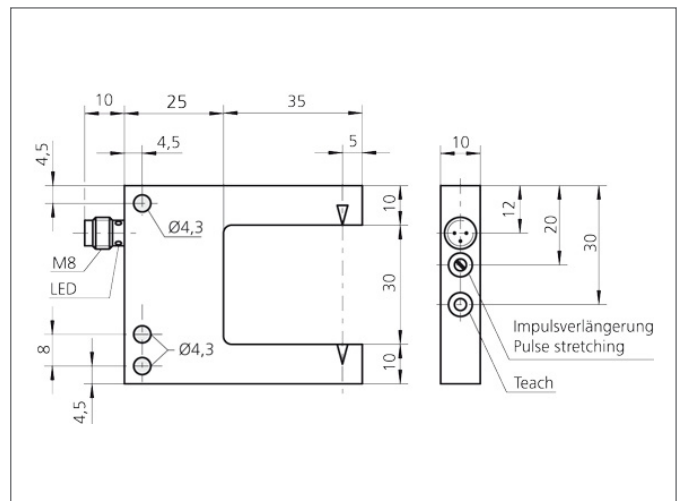


Safety instructions

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.

Repair only by di-soric.



| TECHNICAL INFORMATION | | +20°C, 24V DC |
|------------------------------|--|---|
| Evaluation | | dynamic |
| Size | | 50 x 60 x 10 mm (Dimensions) |
| Design | | fork |
| Fork opening | | 30 mm |
| Emitted light | | Red, 660 nm, clocked |
| Service voltage | | 10 ... 35 V DC |
| Transmitter / receiver | | transmitter + receiver |
| Output | | pnp+nnp, 200 mA, NO/NC, switchable |
| Sensitivity adjustment | | teach button |
| Internal power consumption | | < 30 mA |
| Minimum speed | | 5 cm/s |
| Pulse stretching | | 5 ... 150 ms, adjustable |
| Operating frequency | | 100 Hz, (depending on the pulse stretching) |
| Resolution | | 0,15 mm |
| 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 |
| Casing material | | die-cast zinc black lacquered finish |
| Connection | | Connector, M8, 3-poled |