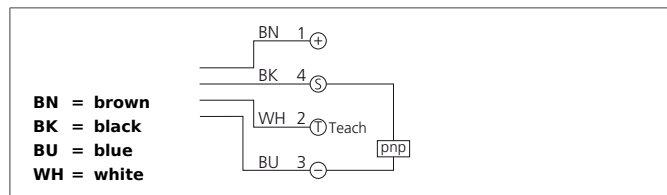


## OGUTID 031 FP3K-TSSL

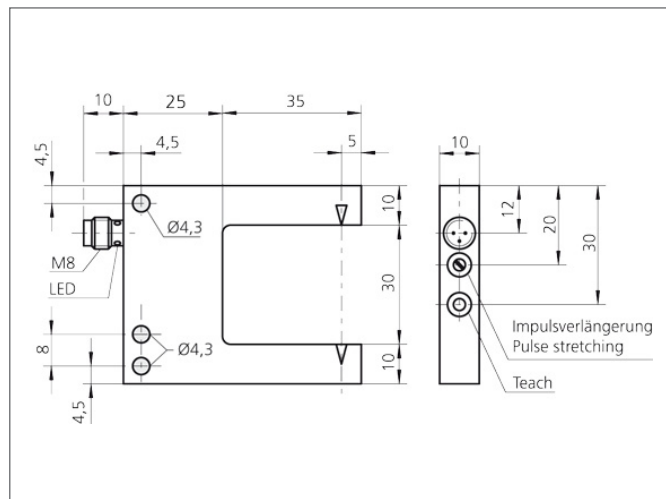
### Fork Light Barrier

- Fast, simple, reliable: sensitivity adjustment via the teach key
- Auto-teach during a running process
- Remote teach option with key-lock function
- LED indicator for the teach procedure
- Large insertion depth for ideal probing position
- Detection of even the smallest objects
- Large 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        |                                             |
|------------------------------|---------------------------------------------|
| Evaluation                   | +20°C, 24V DC                               |
| Size                         | dynamic                                     |
| Design                       | 50 x 60 x 10 mm (Dimensions)                |
| Fork opening                 | fork                                        |
| Emitted light                | 30 mm                                       |
| Service voltage              | Red, 660 nm, clocked                        |
| Transmitter / receiver       | 10 ... 35 V DC                              |
| Output                       | transmitter + receiver                      |
| Sensitivity adjustment       | pnp+nnp, 200 mA, NO/NC, switchable          |
| Internal power consumption   | teach key + remote teach                    |
| Minimum speed                | < 30 mA                                     |
| Pulse stretching             | 5 cm/s                                      |
| Operating frequency          | 5 ... 150 ms, adjustable                    |
| Resolution                   | 100 Hz, (depending on the pulse stretching) |
| Response-/release time       | 0,15 mm                                     |
| Ambient temperature          | 0,1 ms                                      |
| Ambient light immunity       | -10 ... +60 °C                              |
| Insulation voltage endurance | > 10 kLx                                    |
| Protection class             | 500 V                                       |
| Casing material              | IP 67                                       |
| Connection                   | die-cast zinc black lacquered finish        |
|                              | Connector, M8, 4-poled                      |