

# OGUTID 051 P3K-TSSL

## Fork Light Barrier

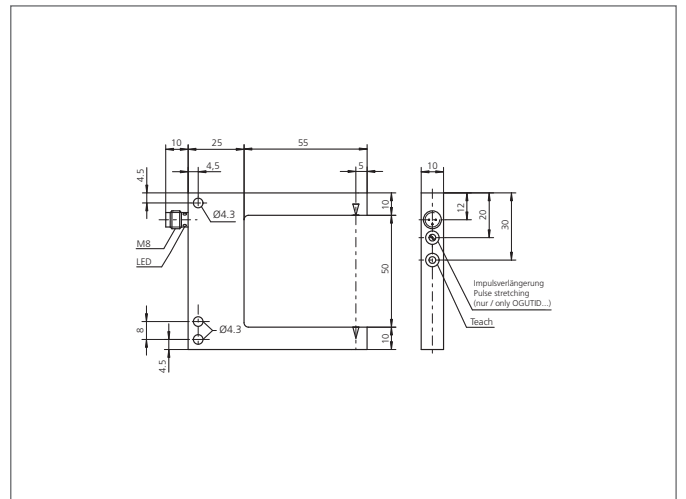
- Adjustable pulse stretching
- High resolution
- Dynamic operating principle
- LED indicator for the teach procedure
- High functional reserve
- Light/dark switching
- 5-year warranty



### 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 inside	55 mm
Emitted light	Red, 660 nm, clocked
Service voltage	10 ... 35 V DC (Supply Class 2)
No-load current	< 30 mA
Resolution	Ø 0,15 mm
Sensitivity adjustment	Teach key
Switching output	pnp, 200 mA, NO/NC, switchable
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Minimum parts speed	5 cm/s
Pulse stretching	5 ... 150 ms adjustable (at max.: 1000 ms)
Voltage drop	< 2,0 V
Switching frequency	100 Hz, (depending on the pulse stretching)
Response-/release time	0,10 ms
Ambient temperature, operation	-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

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### TECHNICAL INFORMATION (typ.)

**+20°C, 24V DC**

Casing material

Die-cast zinc black lacquered finish

Connection

Connector, M8, 3-poled

Connecting cable

TK ...