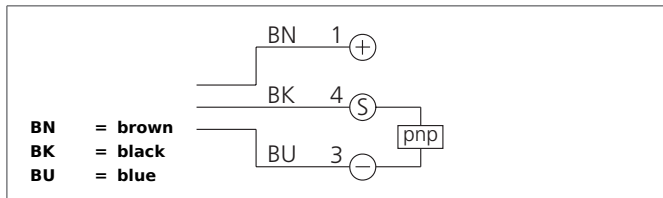


Fork Light Barrier



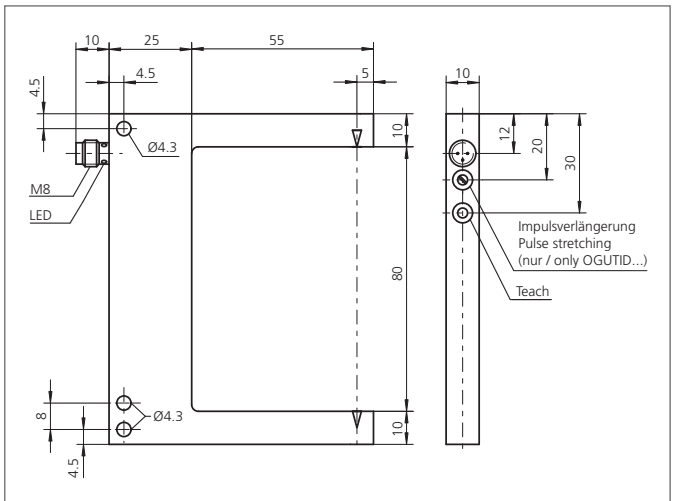
- Adjustable pulse stretching
- High resolution
- Dynamic operating principle
- LED indicator for the teach procedure
- High functional reserve
- Light/dark switching
- 5-year warranty



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		100 x 80 x 10 mm (Dimensions)
Design		fork
Fork opening		80 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

OGUTID 081 P3K-TSSL

Fork Light Barrier



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Casing material		Die-cast zinc black lacquered finish
Connection		Connector, M8, 3-poled
Connecting cable		TK ...