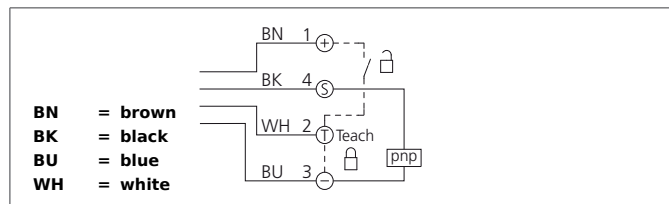


OGUTI 081 FP3K-TSSL

Fork Light Barrier

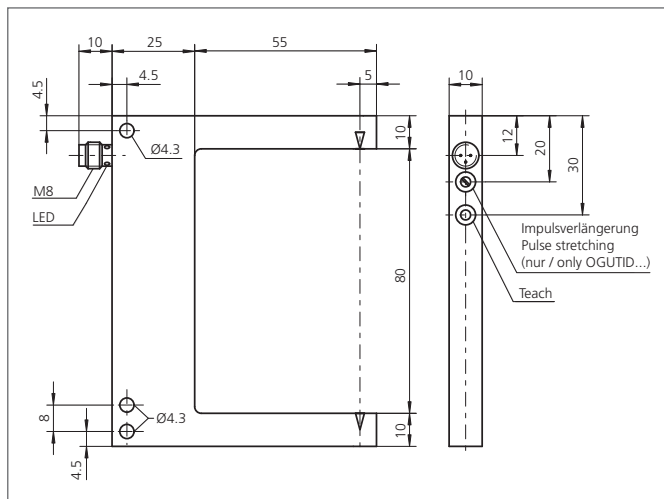


- Fast, simple, reliable: sensitivity adjustment via the teach key
- Auto-teach during a running process
- Remote teach option with key-lock function
- LED indicator for the teach procedure
- Detection of even the smallest objects
- Large functional reserve
- Light/dark switching
- 5-year warranty



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		digital
Size		100 x 80 x 10 mm (Dimensions)
Design		fork
Fork opening		80 mm
Branch length inside		55 mm
Emitted light		Red, clocked
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current		< 30 mA
Resolution		Ø 0,3 mm
Sensitivity adjustment		Teach key + remote teach
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 0,1 mm
Shock/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop		< 2,0 V
Switching frequency		< 3,0 kHz
Reproducibility		< 0,03 mm
Ambient temperature, operation		-10 ... +60 °C
Ambient light immunity		20 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.)	
Connection	+20°C, 24V DC Connector, M8, 4-poled
Connecting cable	TK ...