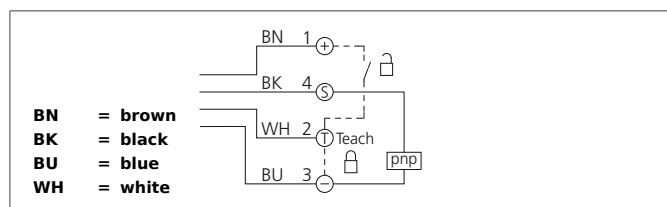


OGUTI 031 FP3K-TSSL

Fork Light Barrier



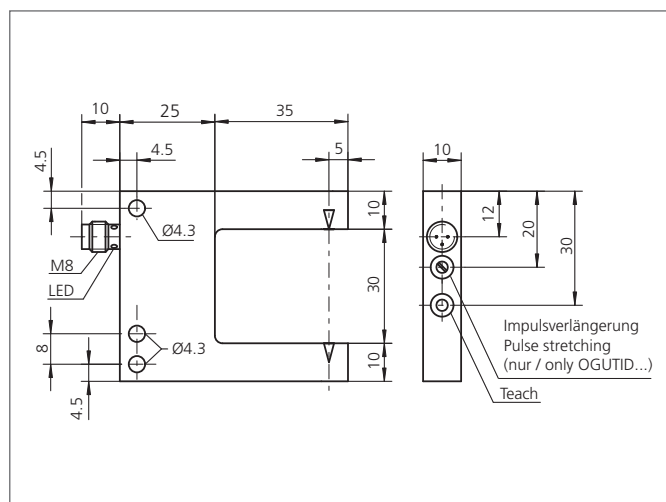
- Fast, simple, reliable: sensitivity adjustment via the teach key
- Auto-teach during a running process
- Remote teach option with key-lock function
- LED indicator for the teach procedure
- Detection of even the smallest objects
- Large functional reserve
- Light/dark switching
- 5-year warranty



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.)	
Operating principle	+20°C, 24V DC
Evaluation	Optical
Size	digital
Design	50 x 60 x 10 mm (Dimensions)
Fork opening	fork
Branch length	30 mm
Emitted light	35 mm
Service voltage	Red, clocked
Internal power consumption	10 ... 35 V DC (Supply Class 2)
Resolution	< 30 mA
Sensitivity adjustment	Ø 0,3 mm
Switching output	Teach key + remote teach
Switching hysteresis	pnp, 200 mA, NO/NC, switchable
Voltage drop	< 0,1 mm
Switching frequency	2,0 V
Reproducibility	≤ 3.0 kHz
Ambient temperature	< 0,03 mm
Ambient light immunity	-10 ... +60 °C
Insulation voltage endurance	20 kLx
Protection class	500 V
Protection degree	IP 67
Casing material	III, operation on protective low voltage
Connection	Die-cast zinc black lacquered finish
	Connector, M8, 4-poled

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TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Connecting cable	TK ...