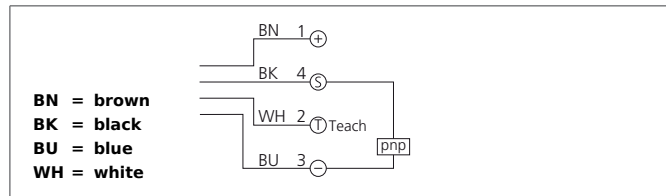


OGUTID 081 FP3K-TSSL

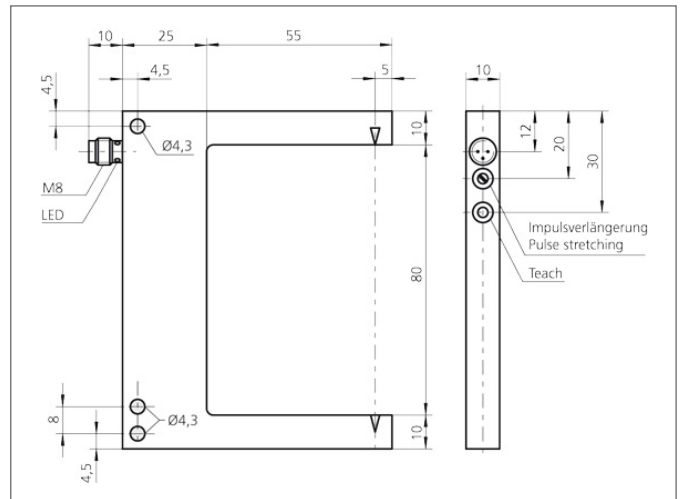
Fork Light Barrier

- 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
- 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		+20 °C, 24V DC
Evaluation		dynamic
Size		100 x 80 x 10 mm (Dimensions)
Design		fork
Fork opening		80 mm
Emitted light		Red, 660 nm, clocked
Service voltage		10 ... 35 V DC
Transmitter / receiver		transmitter + receiver
Output		pnp+nnp, 200 mA, NO/NC, switchable
Sensitivity adjustment		teach key + remote teach
Internal power consumption		< 30 mA
Minimum speed		5 cm/s
Pulse stretching		5 ... 150 ms, adjustable
Operating frequency		100 Hz, (depending on the pulse stretching)
Resolution		0,15 mm
Response-/release time		0,1 ms
Ambient temperature		-10 ... +60 °C
Ambient light immunity		> 10 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		die-cast zinc black lacquered finish
Connection		Connector, M8, 4-poled