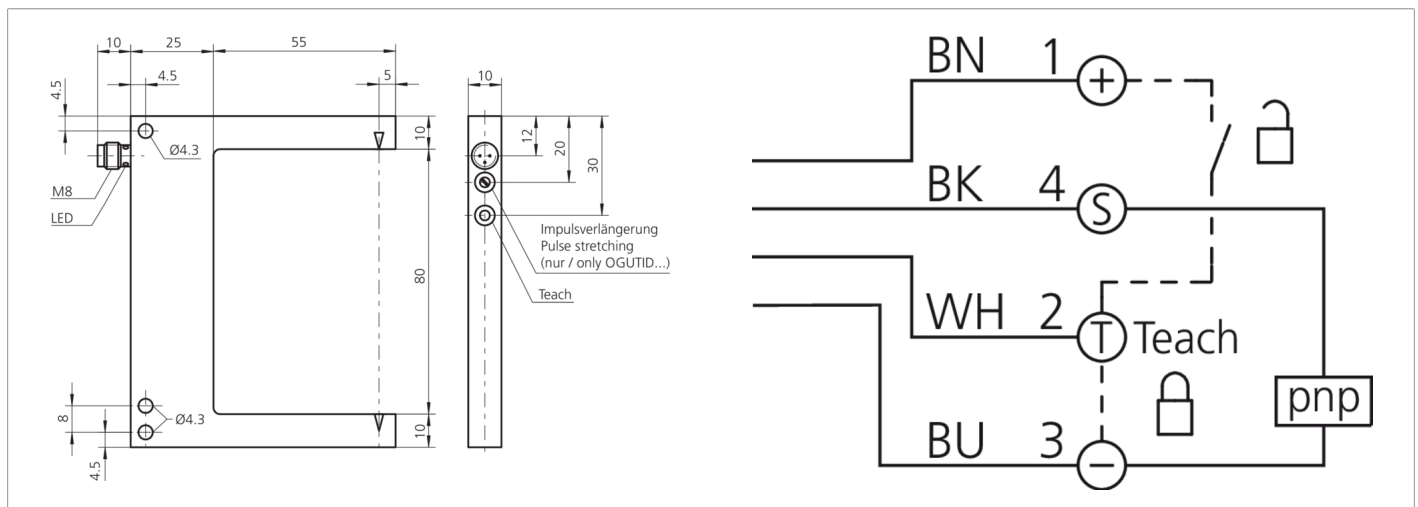




202429 OGUTI 081 FP3K-TSSL Fork light barrier

- Fast, simple, safe: Sensitivity adjustment via 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



Function											
											

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current (max.)		30 mA
Insulation voltage endurance		500 V
Leg length internal		55 mm
Housing dimensions		100 x 80 x 10 mm
Housing length		80 mm
Housing height		100 mm
Housing width		10 mm
Housing material		Die-cast zinc (Black, powder-coated)
Protection class		III, operation on protective low voltage
Operating principle		Optical
Evaluation		digital
Design		Fork
Switching output		pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)		2 V
Color		red
Modulation		Clocked
Ambient light immunity		20 kLx
Fork opening		80 mm
Resolution		Ø 0.3 mm
Switching hysteresis (max.)		< 0.1 mm


202429
OGUTI 081 FP3K-TSSL
Fork light barrier

Technical data (typ.)		+20°C, 24 V DC
Reproducibility		0.03 mm
Sensitivity adjustment		Teach key + remote teach
Switching frequency		< 3000 Hz
Ambient temperature during operation		-10 ... +60 °C
Protection type		IP 67
Connection		Connector, M8, 4-pin
Connection cable		TK ...
More information / accessories		https://www.di-soric.com/202429