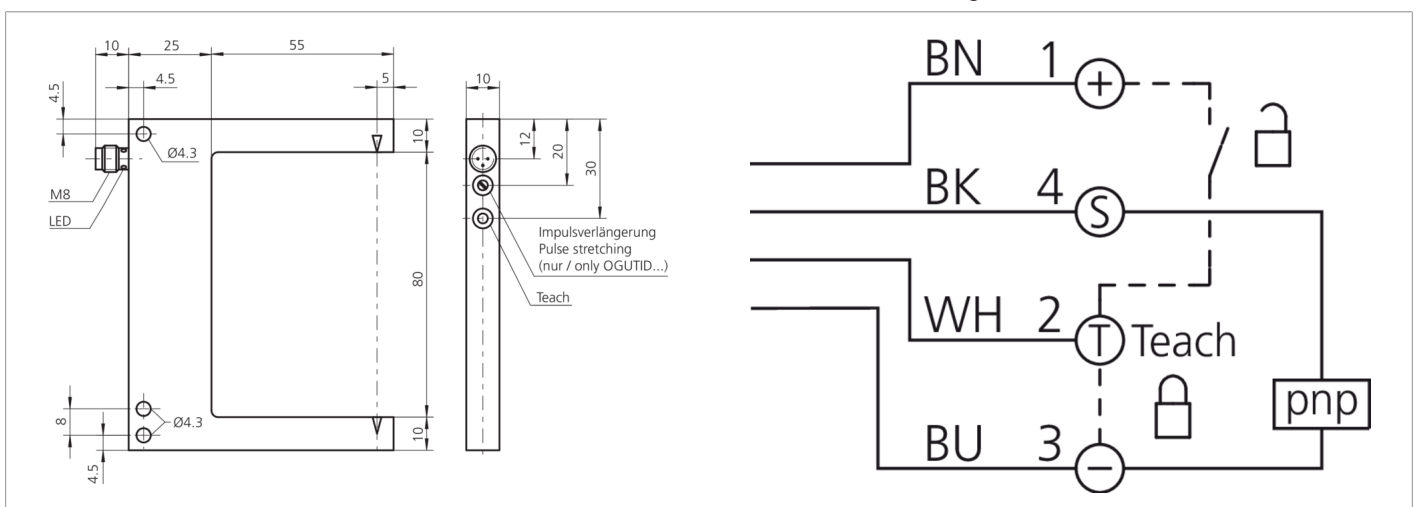




**202429**  
**OGUTI 081 FP3K-TSSL**  
**Fork light barrier**

- 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
Approvals	UL
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



**202429**  
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**Fork light barrier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Switching hysteresis (max.)	< 0.1 mm
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 ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/202429">https://www.di-soric.com/202429</a></b>