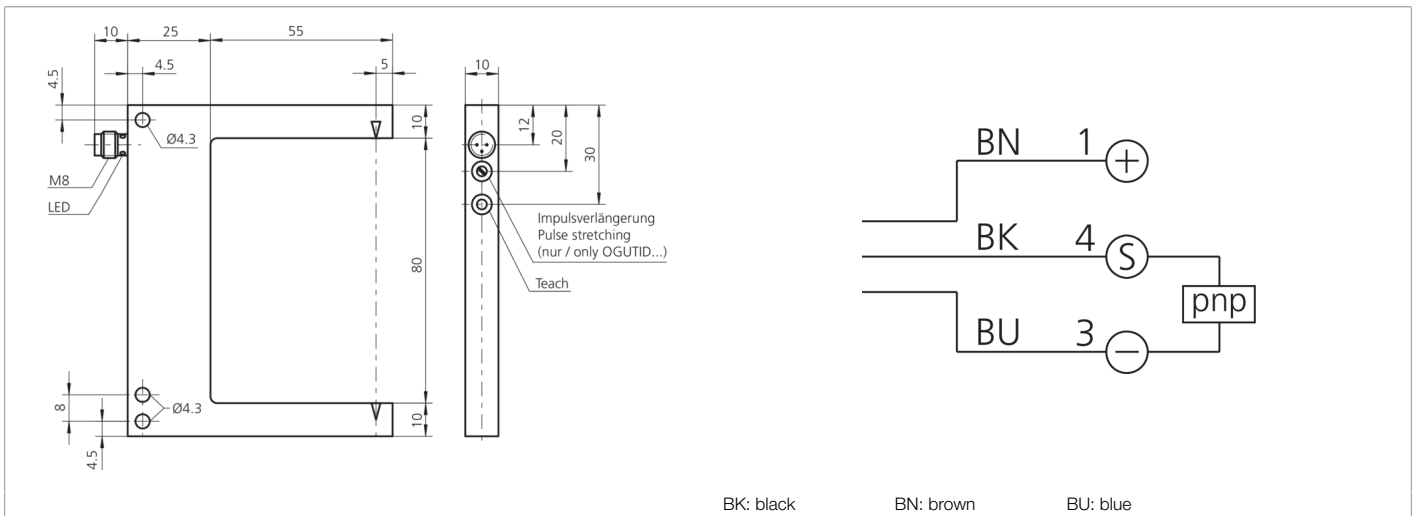




202420
OGUTI 081 P3K-TSSL
Fork light barrier

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- 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
Light source	LED
Color	Red
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	20 kLx



202420
OGUTI 081 P3K-TSSL
Fork light barrier

Technical data (typ.)	+20°C, 24 V DC
Fork opening	80 mm
Resolution	Ø 0.3 mm
Switching hysteresis (max.)	0.1 mm
Reproducibility	< 0.03 mm
Sensitivity adjustment	Teach button
Switching frequency	3000 Hz
Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/202420