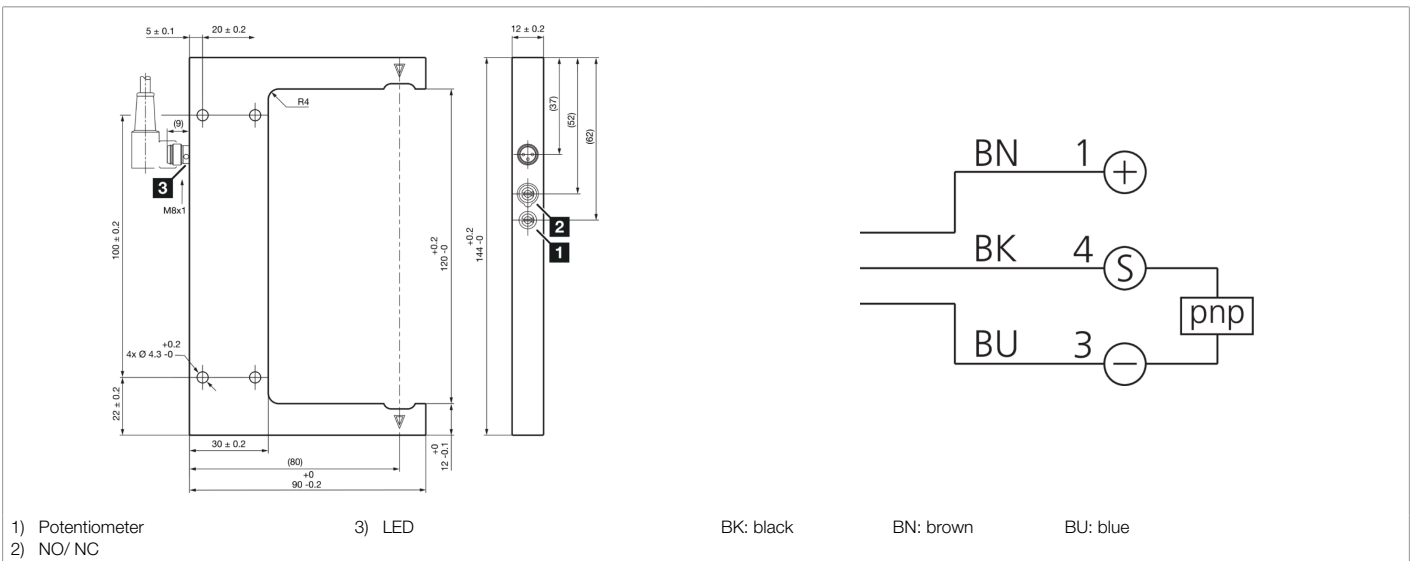
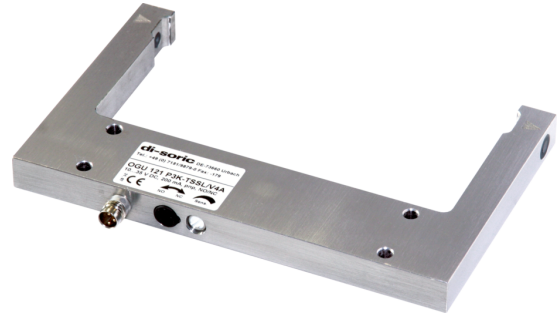




**203196**  
**OGU 121 P3K-TSSL/V4A**  
**Fork light barrier**

- Robust stainless steel housing for use in the pharmaceutical, beverage and food industries
- Electronics integrated
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Bright ring LED
- High protection type



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC (Supply Class 2)
No-load current (max.)	45 mA
Insulation voltage endurance	500 V
Leg length internal	60 mm
Housing dimensions	144 x 90 x 12 mm
Housing length	90 mm
Housing height	144 mm
Housing width	12 mm
Housing material	Stainless steel (V4A, 1.4404 / AISI 316L - 1.4571 / AISI 316Ti)
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.)	2.8 V
Light source	LED
Color	Red
Wavelength	660 nm
Modulation	Clocked



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**Fork light barrier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Ambient light immunity	40 kLx
Fork opening	120 mm
Resolution	Ø 0.8 mm
Switching hysteresis (max.)	0.25 mm
Reproducibility	0.06 mm
Sensitivity adjustment	Potentiometer
Switching frequency	2000 Hz
Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/203196">https://www.di-soric.com/203196</a></b>