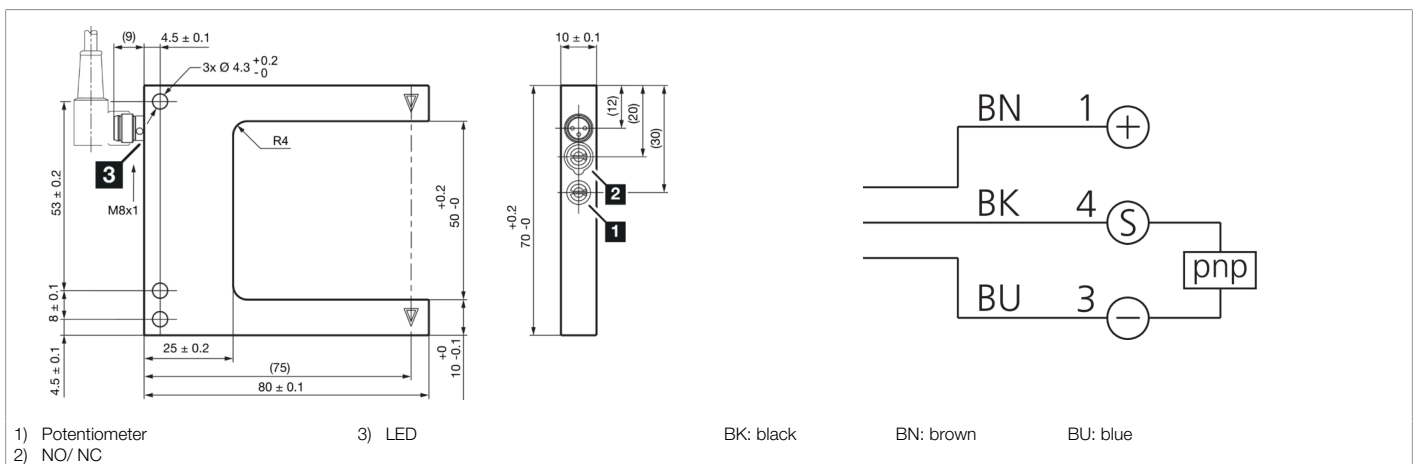




**203193**  
**OGU 050 P3K-TSSL/V4A**  
**Fork light barrier**

- 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.)	30 mA
Insulation voltage endurance	500 V
Leg length internal	55 mm
Housing dimensions	70 x 80 x 10 mm
Housing length	80 mm
Housing height	70 mm
Housing width	10 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	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	20 kLx
Fork opening	50 mm



**203193**  
**OGU 050 P3K-TSSL/V4A**  
**Fork light barrier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Resolution	Ø 0.5 mm
Switching hysteresis (max.)	0.25 mm
Reproducibility	0.04 mm
Sensitivity adjustment	Potentiometer
Switching frequency	4000 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/203193">https://www.di-soric.com/203193</a></b>