

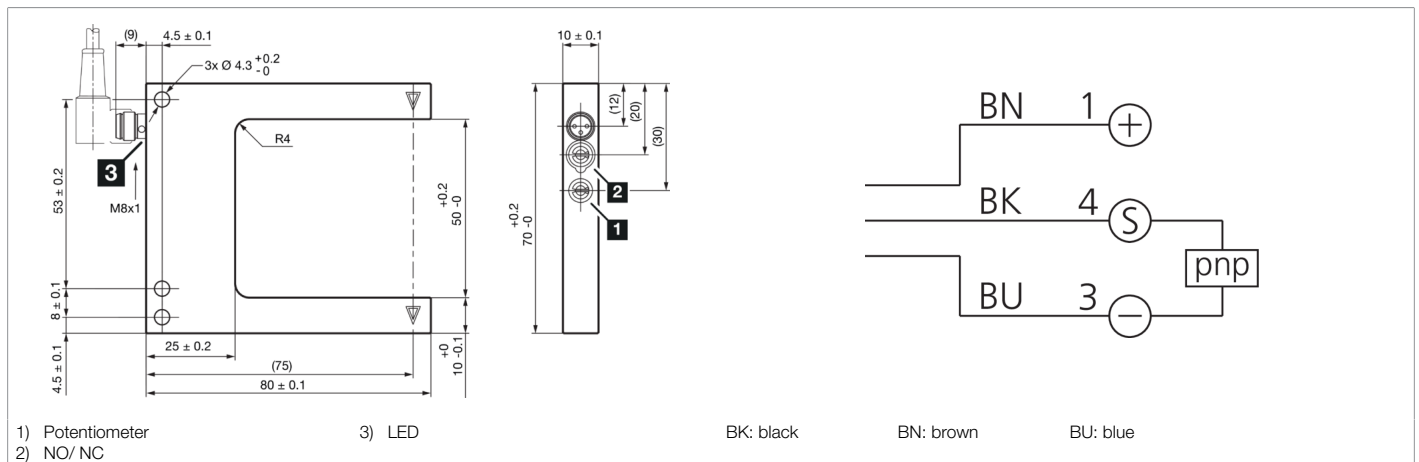


203193

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
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
Resolution		Ø 0.5 mm



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Technical data (typ.)		+20°C, 24 V DC
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 ...
More information / accessories		https://www.di-soric.com/203193