

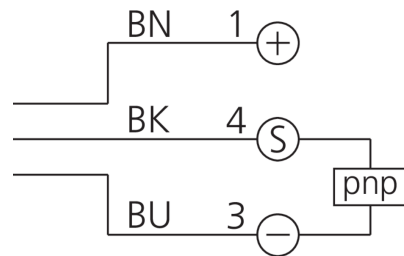
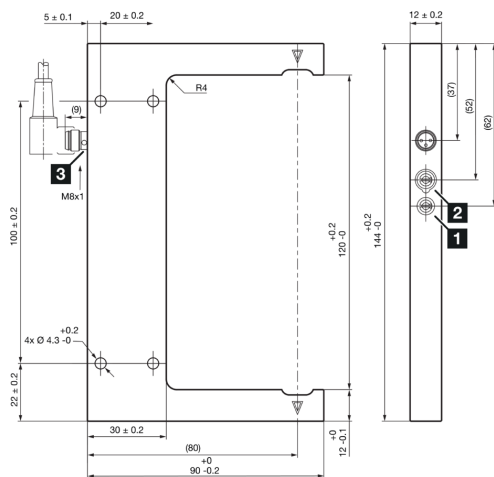
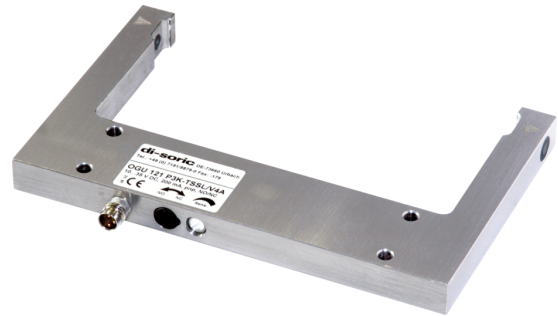


203197

OGU 120 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



1) Potentiometer
2) NO/ NC

3) LED

BK: black

BN: brown

BU: blue

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
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



203197
OGU 120 P3K-TSSL/V4A
Fork light barrier

Technical data (typ.)		+20°C, 24 V DC
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 ...
More information / accessories		https://www.di-soric.com/203197