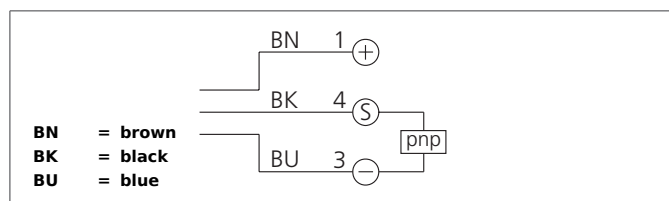


OGU 121/125 VP3K-TSSL

Fork Light Barrier

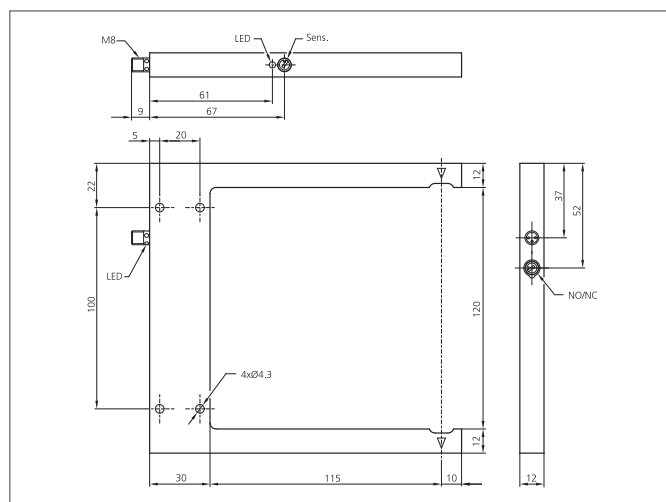
- Extremely high resolution
- Metal casing
- Integrated electronic module
- Sensitivity adjustable
- High operating frequency
- Light / dark switching
- Bright ring LED
- High protection class
- 5-year warranty



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Operating principle		Optical
Evaluation		digital
Size		144 x 155 x 12 mm (Dimensions)
Design		fork
Fork opening		120 mm
Branch length		125 mm
Emitted light		Red, 660 nm, clocked
Service voltage		10 ... 35 V DC (Supply Class 2)
Internal power consumption		< 45 mA
Resolution		Ø 0,8 mm
Sensitivity adjustment		potentiometer in front
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 0,2 mm
Voltage drop		2,8 V
Switching frequency		2.000 Hz
Reproducibility		0,06 mm
Ambient temperature		-10 ... +60 °C
Ambient light immunity		40 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Protection degree		III, operation on protective low voltage
Casing material		Aluminium black anodized
Connection		Connector, M8, 3-poled

OGU 121/125 VP3K-TSSL
Fork Light Barrier



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Connecting cable	TK ...