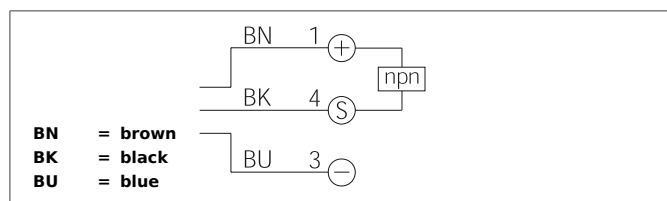


OGU 031 N3K-TSSL

Fork Light Barrier

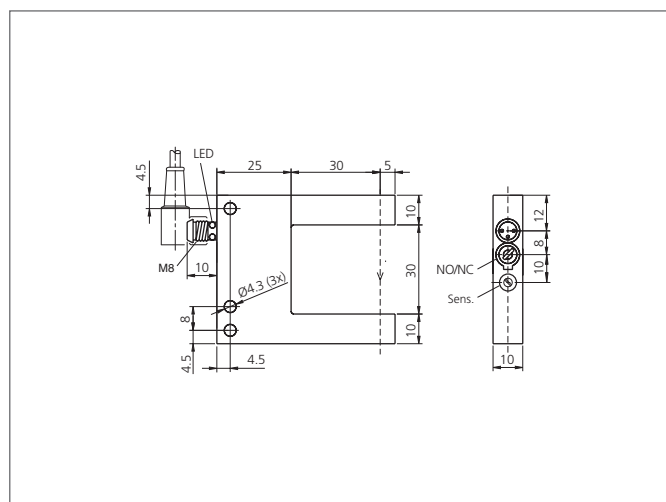
- Metal casing
- Integrated electronic module
- Sensitivity adjustable
- High operating frequency
- Light / dark switching
- Bright ring LED
- High protection class
- 5-year warranty



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		50 x 60 x 10 mm (Dimensions)
Design		fork
Fork opening		30 mm
Branch length		35 mm
Emitted light		Red, clocked
Service voltage		10 ... 35 V DC (Supply Class 2)
Internal power consumption		< 30 mA
Resolution		Ø 0,5 mm
Sensitivity adjustment		potentiometer
Switching output		npn, 200 mA, NO/NC, switchable
Switching hysteresis		< 0,25 mm
Voltage drop		2,8 V
Switching frequency		4.000 Hz
Reproducibility		0,02 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		Die-cast zinc black lacquered finish
Connection		Connector, M8, 3-poled

OGU 031 N3K-TSSL
Fork Light Barrier



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