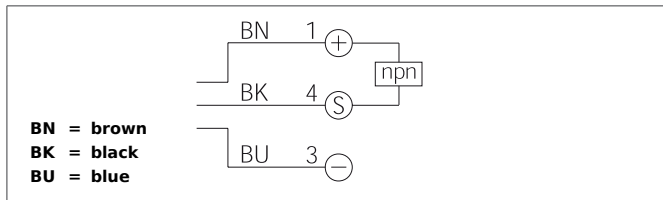


## **OGL 081 N3K-TSSL**

### **Angled Light Barrier**

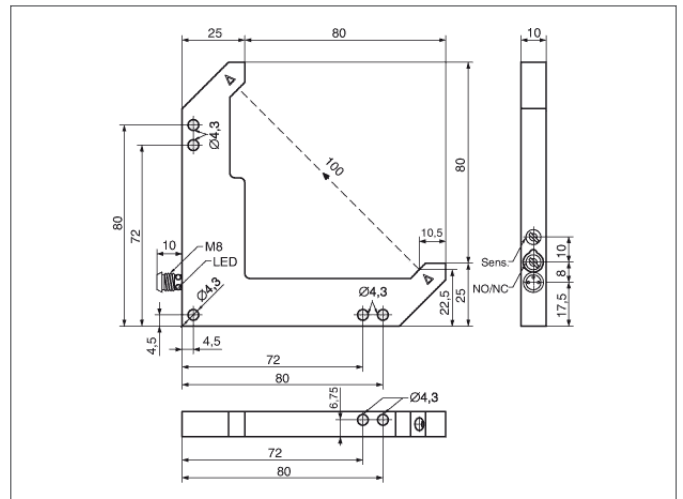
- Metal casing
- All-purpose mounting
- Optical axis approachable in x-, y- and z-direction
- Integrated electronic module
- Sensitivity adjustable
- High operating frequency
- Light/dark switching
- Bright ring LED
- 3-years function guarantee\* \*according to our General Conditions of Export



## 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.  
Repair only by di-soric.



TECHNICAL INFORMATION	+20°C, 24V DC
Design	Angle
Branch length	80 mm
Emitted light	Red, 660 nm, clocked
Service voltage	10 ... 35 V DC
Transmitter / receiver	transmitter + receiver
Output	npn, 200 mA, NO/NC, switchable
Sensitivity adjustment	potentiometer
Internal power consumption	< 30 mA
Operating frequency	4.000 Hz
Resolution	Ø 0,7 mm
Switching hysteresis	< 0,25 mm
Reproducibility	0,06 mm
Ambient temperature	-10 ... +60 °C
Ambient light immunity	> 70 kLx
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	Aluminium black anodized
Connection	Connector, M8, 3-poled
Signal input	< 2,8 V