

OGLP 120 N3K-TSSL

High Performance Angled Light Barrier

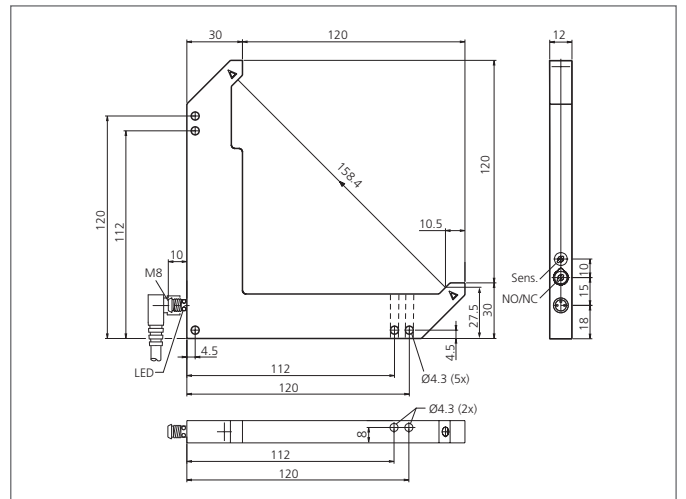
- High functional reserve
- Extremely dirt-resistant
- Collimator optics
- Optical axis approachable in x-, y- and z-direction
- Integrated electronic module
- Sensitivity adjustable
- Light/dark switching
- Metal connector
- Bright ring LED
- 5-year warranty



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		150 x 150 x 12 mm (Dimensions)
Design		Angle
Branch length		120/120 mm
Characteristics		High transmit power and dirt penetration
Emitted light		Infrared, 880 nm, clocked
Service voltage		10 ... 35 V DC (Supply Class 2)
Internal power consumption		< 40 mA
Operating distance		158 mm (optical axis)
Resolution		Ø 3 mm
Sensitivity adjustment		potentiometer
Switching output		npn, 200 mA, NO/NC, switchable
Switching hysteresis		< 0,25 mm
Voltage drop		< 2,8 V
Switching frequency		2.000 Hz
Reproducibility		0,06 mm
Ambient temperature		-10 ... +60 °C
Ambient light immunity		50 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

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TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Connection	Connector, M8, 3-poled
Connecting cable	TK ...