

OGLP 150 P3K-TSSL

High Performance Angled Light Barrier

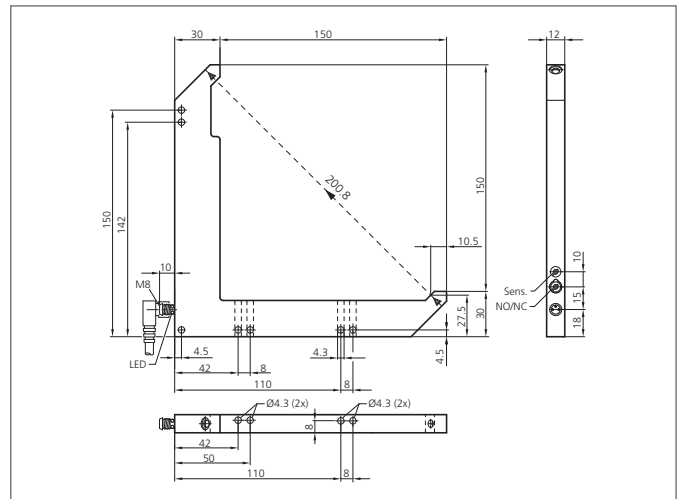
- High functional reserve
- Extremely dirt-resistant
- Collimator optics
- Optical axis approachable in x-, y- and z-direction
- Integrated electronic module
- Sensitivity adjustable
- Light/dark switching
- Metal connector
- Bright ring LED
- 5-year warranty



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		180 x 180 x 12 mm (Dimensions)
Design		Angle
Branch length inside		150/150 mm
Characteristics		High transmit power and dirt penetration
Emitted light		Infrared, 880 nm, clocked
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current		< 40 mA
Operating distance		200 mm (optical axis)
Resolution		Ø 3,0 mm
Sensitivity adjustment		potentiometer
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 0,25 mm
Shock-/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop		< 2,8 V
Switching frequency		2000 Hz
Reproducibility		0,06 mm
Ambient temperature, operation		-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

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