

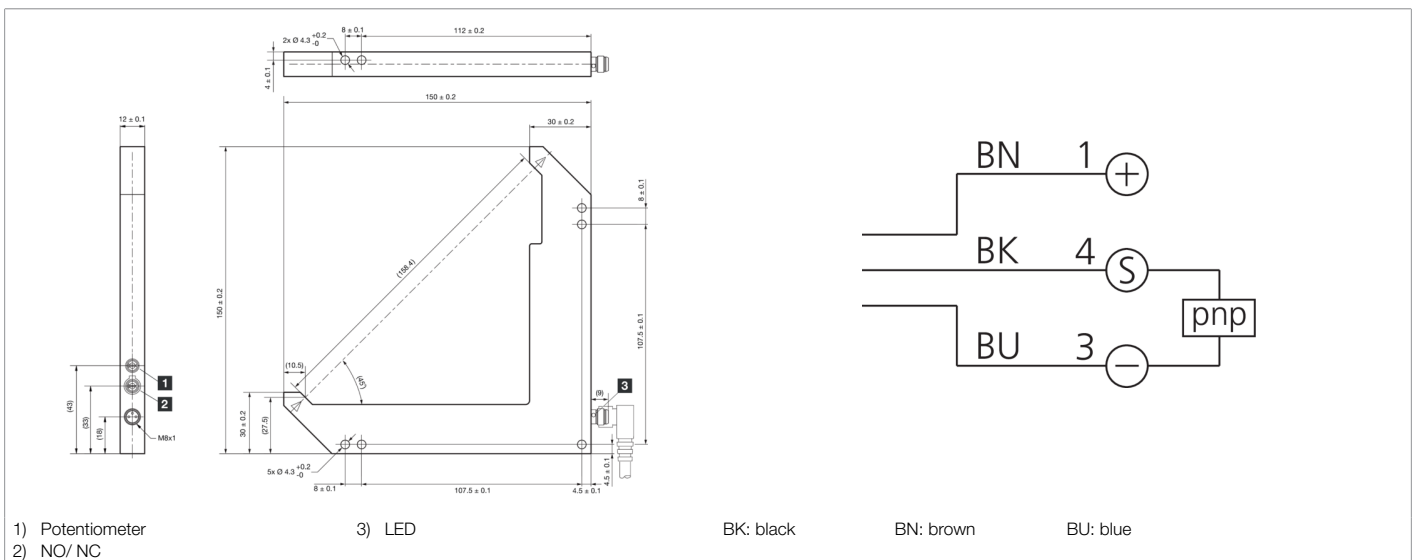


201228

OGLP 120 P3K-TSSL

High-performance angled light barriers

- High function reserve
- Extremely dirt-resistant
- Collimator optics
- Optical axis approachable in x-, y- and z-direction
- Electronics integrated
- Sensitivity is adjustable
- Light/dark switching
- Metal connector
- Bright ring LED



Function



Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC (Supply Class 2)
No-load current (max.)	40 mA
Insulation voltage endurance	500 V
Leg length internal	120/120 mm
Housing dimensions	150 x 150 x 12 mm
Housing length	150 mm
Housing height	150 mm
Housing width	12 mm
Housing material	Die-cast zinc (Black, painted)
Protection class	III, operation on protective low voltage
Operating principle	Optical
Evaluation	digital
Design	Angle
Characteristics	High transmit power and dirt penetration
Switching output	pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)	2.8 V
Light source	LED
Color	Infrared
Wavelength	880 nm


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High-performance angled light barriers

Technical data (typ.)		+20°C, 24 V DC
Modulation		Clocked
Ambient light immunity		50 kLx
Range		158 mm (optical axis)
Resolution		Ø 3.0 mm
Switching hysteresis (max.)		0.25 mm
Reproducibility		0.06 mm
Sensitivity adjustment		Potentiometer
Switching frequency		2000 Hz
Ambient temperature during operation		-10 ... +60 °C
Protection type		IP 67
Connection		Connector, M8, 3-pin
Connection cable		TK ...
More information / accessories		https://www.di-soric.com/201228