

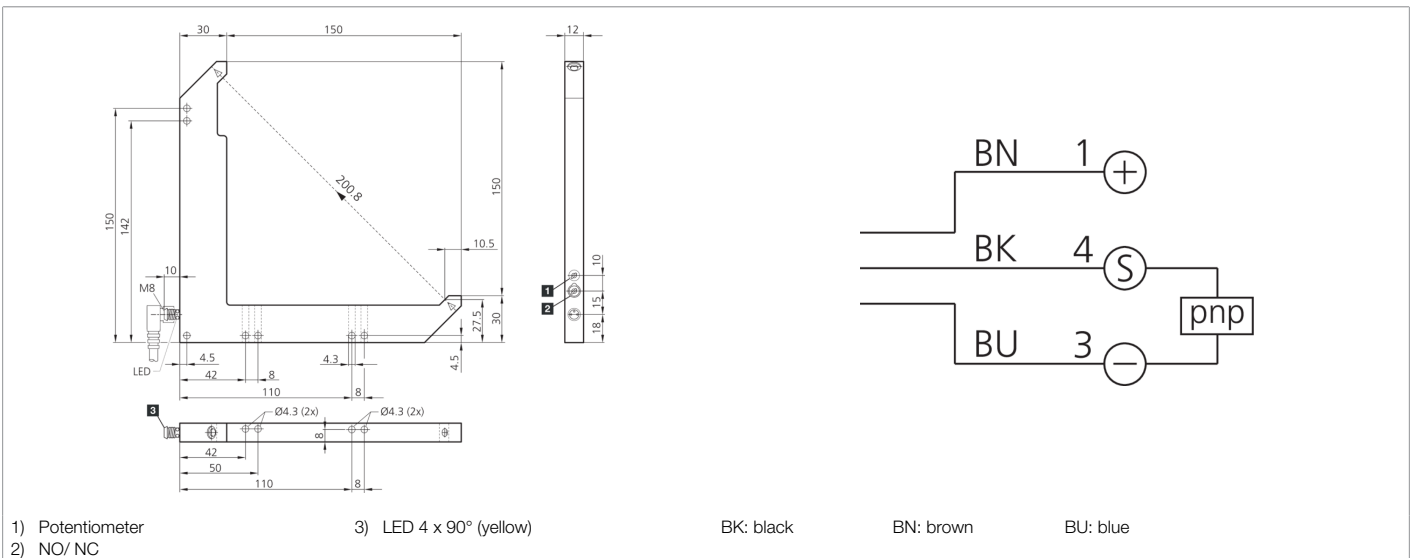


203027

OGLP 150 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	150/150 mm
Housing dimensions	180 x 180 x 12 mm
Housing length	180 mm
Housing height	180 mm
Housing width	12 mm
Housing material	Aluminum (Black, Anodized)
Protection class	III, operation on protective low voltage
Approvals	UL
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



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High-performance angled light barriers

Technical data (typ.)	+20°C, 24 V DC
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	50 kLx
Range	200 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/203027