

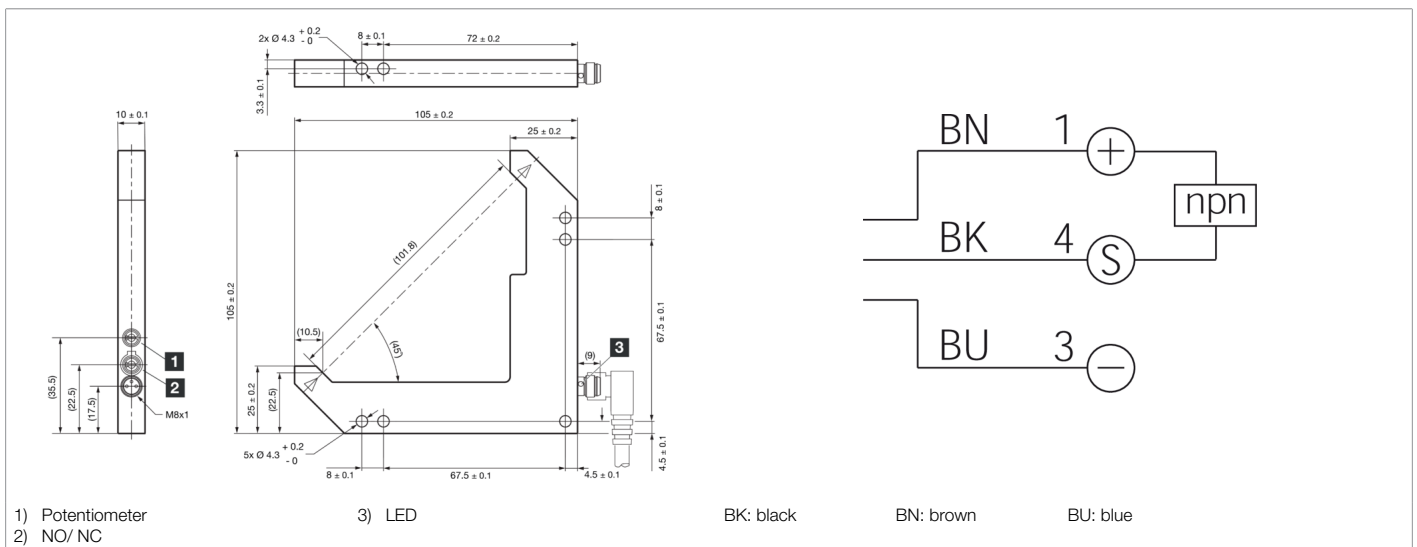
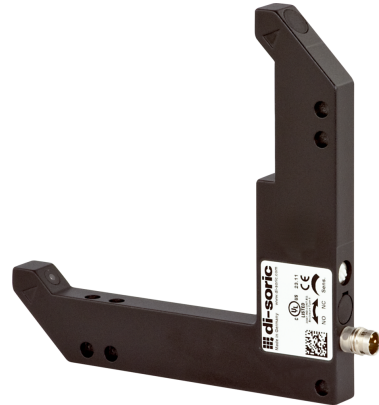


204808

OGLP 080 N3K-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.)	30 mA
Insulation voltage endurance	500 V
Leg length internal	80/80 mm
Housing dimensions	105 x 105 x 10 mm
Housing length	105 mm
Housing height	105 mm
Housing width	10 mm
Housing material	Die-cast zinc (Black, painted)
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	npn, 200 mA, NO/NC, switchable
Voltage drop (max.)	2.8 V
Light source	LED
Color	Infrared
Wavelength	880 nm



204808

OGLP 080 N3K-TSSL

High-performance angled light barriers

Technical data (typ.)	+20°C, 24 V DC
Modulation	Clocked
Ambient light immunity	20 kLx
Range	100 mm (optical axis)
Resolution	Ø 3.0 mm
Switching hysteresis (max.)	0.2 mm
Reproducibility	0.06 mm
Sensitivity adjustment	Potentiometer
Switching frequency	300 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/204808