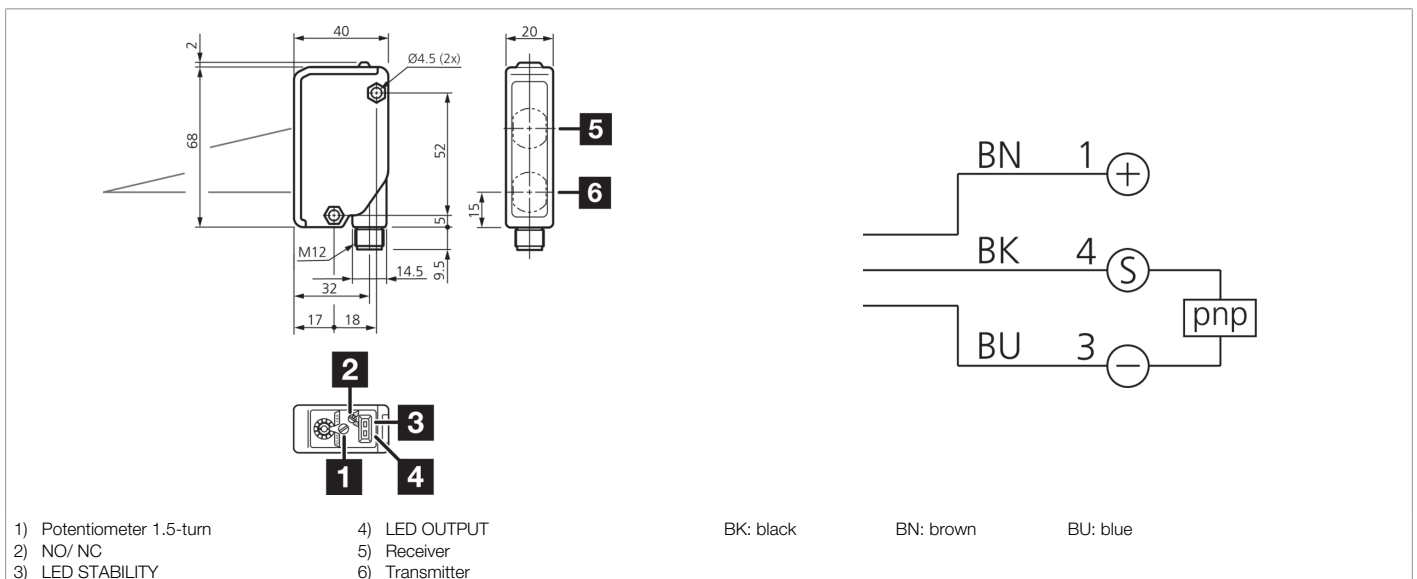




**201422**  
**OHT 68 K 2000 P3K-BSL**  
**Diffuse sensor with background suppression**

- 1.5-turn adjusting element
- Background suppression
- Infrared light
- Sensitivity is adjustable
- High resolution



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	55 mA
Insulation voltage endurance	1000 V
Housing dimensions	68 x 40 x 20 mm
Housing length	40 mm
Housing height	68 mm
Housing width	20 mm
Housing material	Plastic
Material	Plastic (Window)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 100 mA, NO/NC, switchable
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Background suppression	Yes



**201422**

**OHT 68 K 2000 P3K-BSL**

**Diffuse sensor with background suppression**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Ambient light immunity	10 kLx
Scanning range	200 ... 2000 mm
Standardized measuring plate	200 x 200 mm (white)
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	250 Hz
Response time	2.0 ms
Release time	2.0 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M12, 3-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201422">https://www.di-soric.com/201422</a></b>