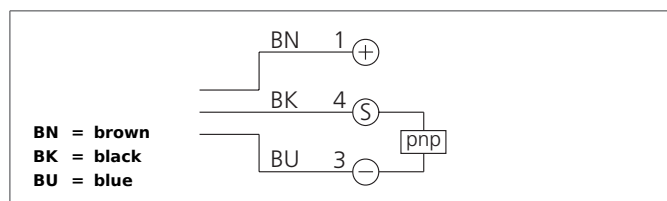


OHT 68 K 2000 P3K-BSL

Diffuse Sensor with Background Suppression

- 1,5-turn adjusting element
- Background suppression
- Infrared light, clocked
- Sensitivity adjustable
- High resolution

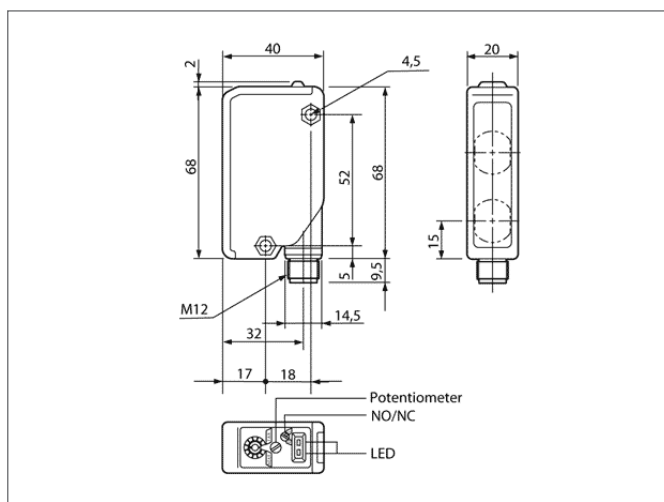


Safety instructions

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.

Repair only by di-soric.



TECHNICAL INFORMATION		+20°C, 24V DC
Evaluation		digital
Size		68 x 40 x 20 mm (Dimensions)
Design		cuboid design
Emitted light		Infrared, 880 nm, clocked
Standardized measuring plate		200 x 200 mm, white
Service voltage		10 ... 30 V DC
background suppression		yes
Operating distance		200 ... 2.000 mm
Output		pnp, 100 mA, NO/NC, switchable
Sensitivity adjustment		potentiometer
Internal power consumption		< 55 mA
Operating frequency		250 Hz
Response-/release time		< 2 ms / < 2 ms
Switching hysteresis		< 10 %
Ambient temperature		-25 ... +55 °C
Temperature drift		0,3 %/K
Ambient light immunity		> 10 kLx
Insulation voltage endurance		1.000 V
Protection class		IP 67
Casing material		plastics
Material		plastic (Window)
Connection		Connector, M12, 3-poled
Signal input		< 1,0 V