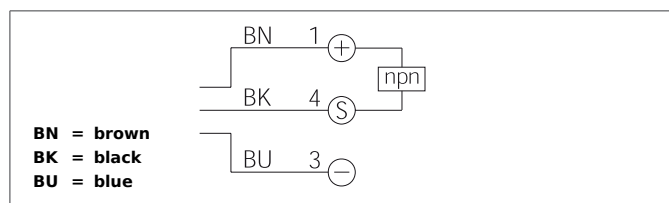


OHT 68 K 2000 N3K-BSL

Diffuse Sensor with Background Suppression

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

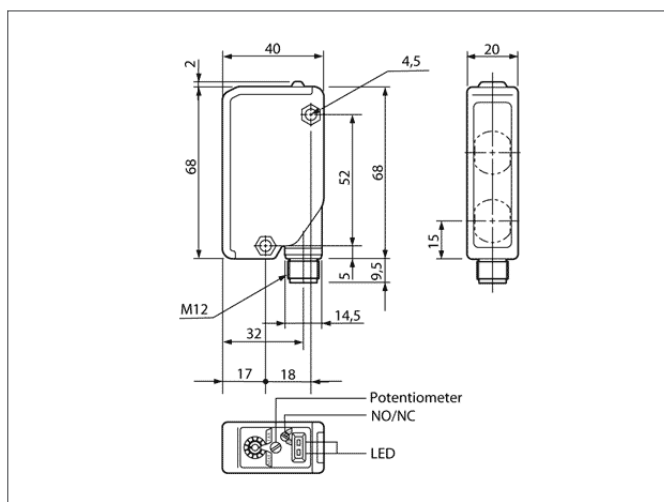


Safety instructions

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

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
Output	NC/NO
Sensitivity adjustment	potentiometer
Internal power consumption	< 55 mA
Response-/release time	< 2 ms / < 2 ms
Switching hysteresis	< 10 %
Ambient temperature	-25 ... +55 °C
Temperature drift	0,3 %/K
Ambient light immunity	> 10.000 Lux
Insulation voltage endurance	1.000 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	plastics
Material	plastic (Window)
Connection	Connector, M12, 3-poled