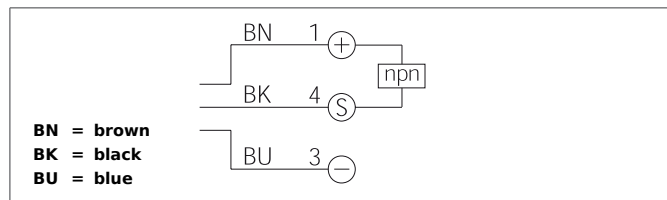


OTV 50 M 600 N3K-TSSL

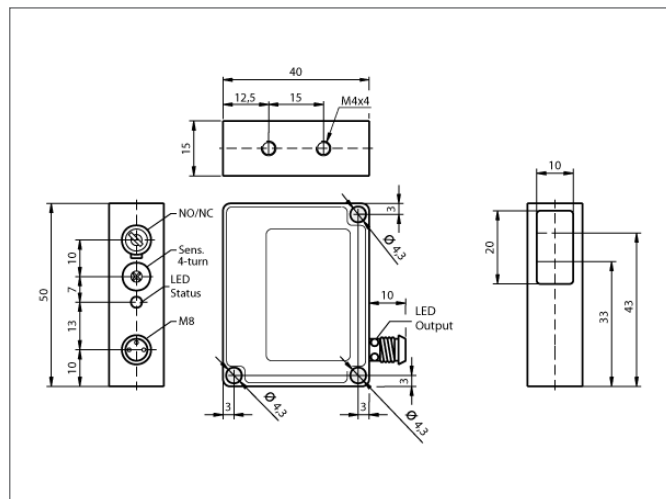
Diffuse Sensor

- Infrared light, clocked
- 4-turn potentiometer
- Bright LED, Connector M8 with ring LED
- Dark-/light switching, push-pull
- Functional reserve indicator/contamination indicator
- Robust metal casing



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		50 x 40 x 15 mm (Dimensions)
Design		cuboid design
Emitted light		Infrared, 880 nm, clocked
Standardized measuring plate		200 x 200 mm, white 90 % reflexion
Service voltage		10 ... 35 V DC
background suppression		no
Operating distance		100 ... 600 mm
Output		npn, 200 mA, NO/NC, switchable
Sensitivity adjustment		potentiometer
Internal power consumption		< 40 mA
Voltage drop		< 2,0 V
Operating frequency		1.000 Hz
Response-/release time		< 0,5 ms / < 0,5 ms
Switching hysteresis		< 12 %
Reproducibility		< 1 %
Ambient temperature		-10 ... +60 °C
Temperature drift		0,3 %/K
Ambient light immunity		> 10 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		die-cast zinc lacquered finish
Material		polymethyl methacrylate (Window)

OTV 50 M 600 N3K-TSSL

Diffuse Sensor

TECHNICAL INFORMATION

Connection

+20°C, 24V DC

Connector, M8, 3-poled