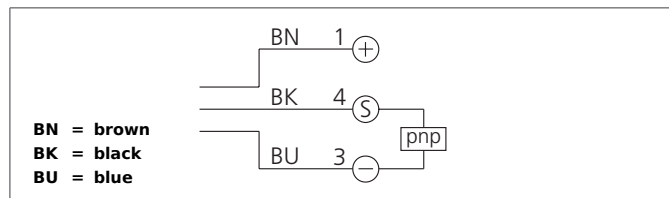


OTV 50 M 600 P3K-IBS

Diffuse Sensor

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

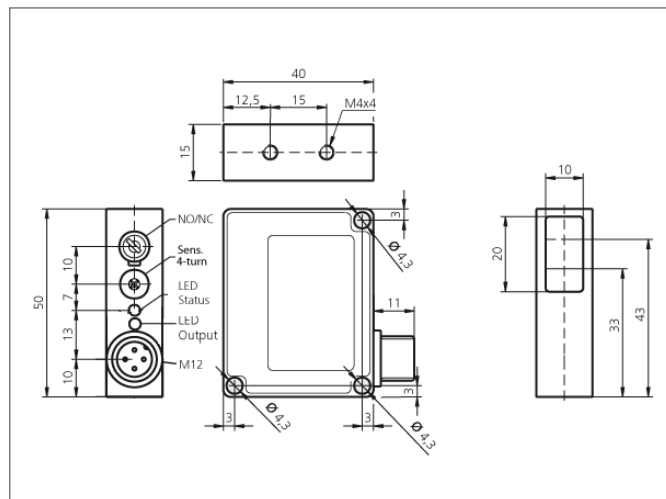


Safety instructions

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	
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	pnp, 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 P3K-IBS

Diffuse Sensor

TECHNICAL INFORMATION

Connection

+20°C, 24V DC

Connector, M12, 3-poled