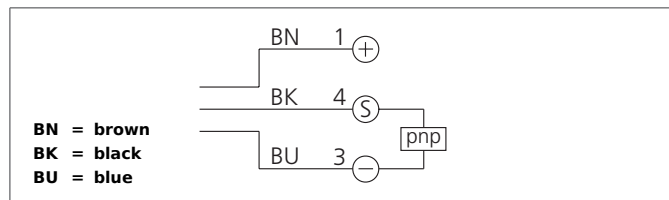


OTVTI 50 M 600 P3K-IBS

Diffuse Sensor

- Infrared light, clocked
- Teach function
- Bright LED
- Dark-/light switching, push-pull
- Functional reserve indicator/contamination indicator
- Robust metal casing

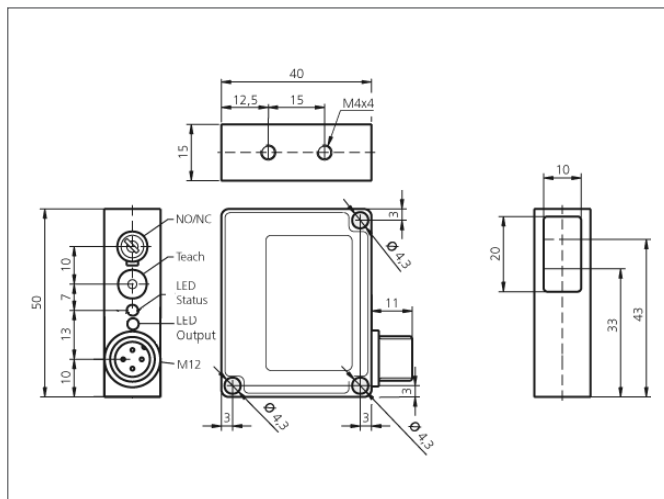


Safety instructions

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	+20°C, 24V DC
Size	digital
Design	50 x 40 x 15 mm (Dimensions)
Emitted light	cuboid design
Standardized measuring plate	Infrared, 880 nm, clocked
Service voltage	200 x 200 mm, white 90 % reflexion
background suppression	10 ... 35 V DC
Operating distance	no
Output	100 ... 600 mm
Sensitivity adjustment	pnp, 200 mA, NO/NC, switchable
Internal power consumption	teach button
Voltage drop	< 45 mA
Operating frequency	< 2,0 V
Response-/release time	1.000 Hz
Switching hysteresis	< 0,5 ms / < 0,5 ms
Reproducibility	< 12 %
Ambient temperature	< 1 %
Temperature drift	< 10 °C
Ambient light immunity	0,3 %/K
Insulation voltage endurance	> 10 kLx
Protection class	500 V
Casing material	IP 67
Material	die-cast zinc lacquered finish
	polymethyl methacrylate (Window)

OTVTI 50 M 600 P3K-IBS

Diffuse Sensor

TECHNICAL INFORMATION

Connection

+20°C, 24V DC

Connector, M12, 3-poled