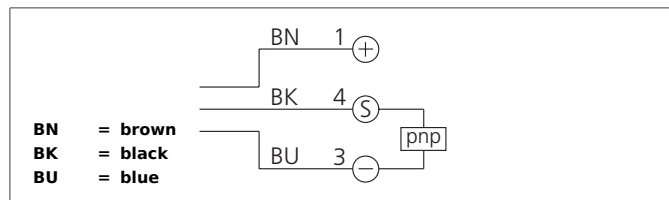


OTVTI 51 M 150 P3K-TSSL

Diffuse Sensor



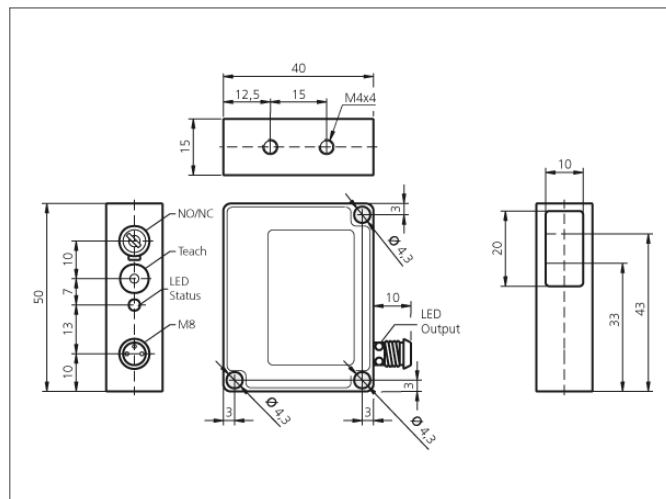
- Red light
- Teach function
- Bright LED, Connector M8 with ring LED
- Dark-/light switching, push-pull
- Functional reserve indicator/contamination indicator
- Robust metal casing



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.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Operating principle		Diffuse reflective sensor
Evaluation		digital
Size		50 x 40 x 15 mm (Dimensions)
Design		cuboid design
Emitted light		Red, 660 nm, clocked
Standardized measuring plate		200 x 200 mm, white 90 % reflexion
Service voltage		10 ... 35 V DC
Internal power consumption		< 40 mA
background suppression		no
Operating distance		15 ... 150 mm
Sensitivity adjustment		Teach key
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 12 %
Voltage drop		< 2,0 V
Switching frequency		1.000 Hz
Response-/release time		< 0,5 ms / < 0,5 ms
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
Protection degree		III, operation on protective low voltage

OTVTI 51 M 150 P3K-TSSL

Diffuse Sensor



TECHNICAL INFORMATION (typ.)

+20°C, 24V DC

Casing material

Die-cast zinc black lacquered finish

Material

polymethyl methacrylate (Window)

Connection

Connector, M8, 3-poled