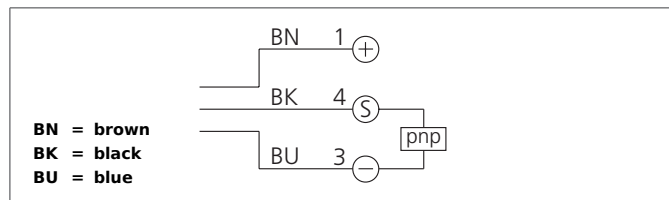


# OTVTI 50 M 600 P3K-TSSL

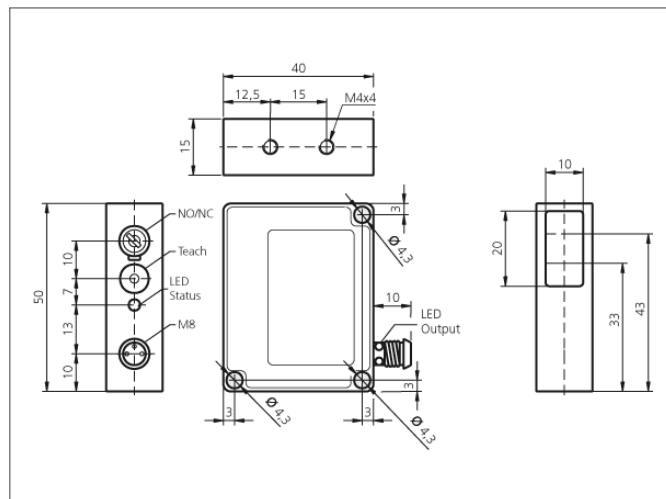
## Diffuse Sensor

- Infrared light, clocked
- 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.  
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       | teach button                       |
| Internal power consumption   | < 45 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)   |

## **OTVTI 50 M 600 P3K-TSSL**

### **Diffuse Sensor**

#### **TECHNICAL INFORMATION**

Connection

**+20°C, 24V DC**

Connector, M8, 3-poled