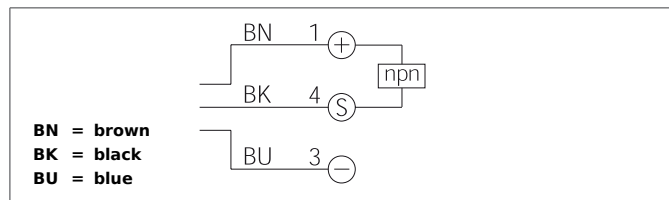
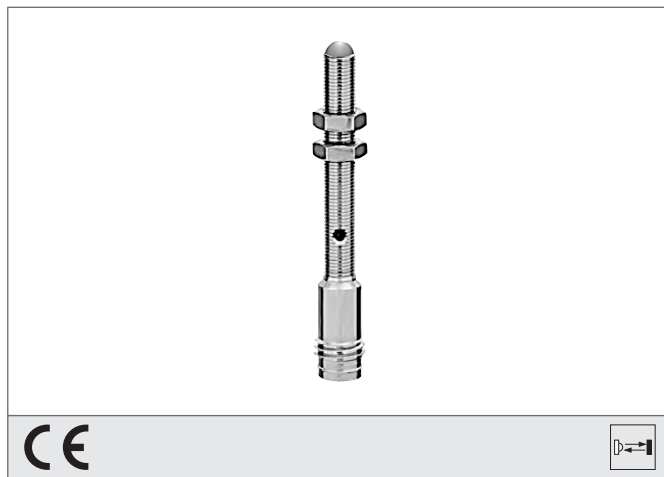


OTV 05 V 10 N1K-TSSL

Diffuse Sensor

- Extremely small design
- Infrared light, clocked
- High resolution
- Functional reserve
- Cylindrical light beam

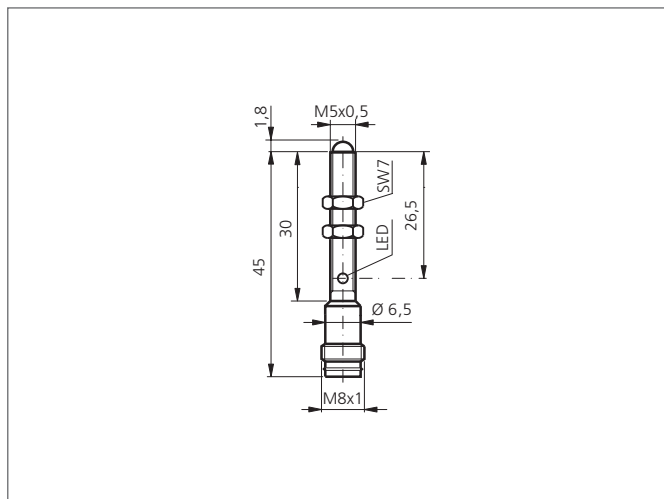


Safety instructions

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 |
|------------------------------|--|--|
| Operating principle | | Diffuse reflective sensor |
| Evaluation | | digital |
| Size | | M5 (Gewinde) |
| Design | | cylinder |
| Emitted light | | Infrared, 880 nm, clocked |
| Standardized measuring plate | | 100 x 100 mm, white |
| Service voltage | | 10 ... 36 V DC |
| Operating distance | | 10 mm |
| Output | | npn, 100 mA, NO |
| Sensitivity adjustment | | no setting elements |
| Internal power consumption | | < 10 mA |
| Voltage drop | | < 2,0 V |
| Operating frequency | | 250 Hz |
| Response-/release time | | < 2,5 ms / < 2,5 ms |
| Switching hysteresis | | 10 % |
| Ambient temperature | | 0 ... +55 °C |
| Ambient light immunity | | > 10.000 Lux |
| Protection class | | IP 67 |
| Protection degree | | III, operation on protective low voltage |
| Casing material | | stainless steel |
| Material | | glass (Window) |
| Connection | | Connector, M8, 3-poled |