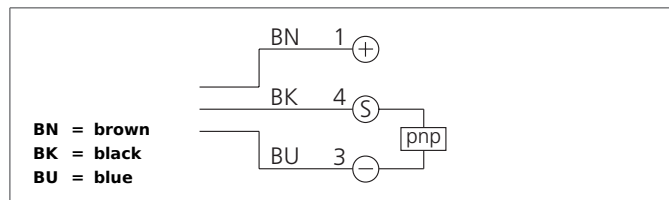


ODG 90 P3K-TSSL

Differential Fork Light Barrier

- High resolution
- Metal casing
- Integrated electronic module
- Integrated electronic module
- Sensitivity adjustable
- High operating frequency
- Light / dark switching
- Bright ring LED
- 3-years function guarantee* *according to our General Conditions of Export

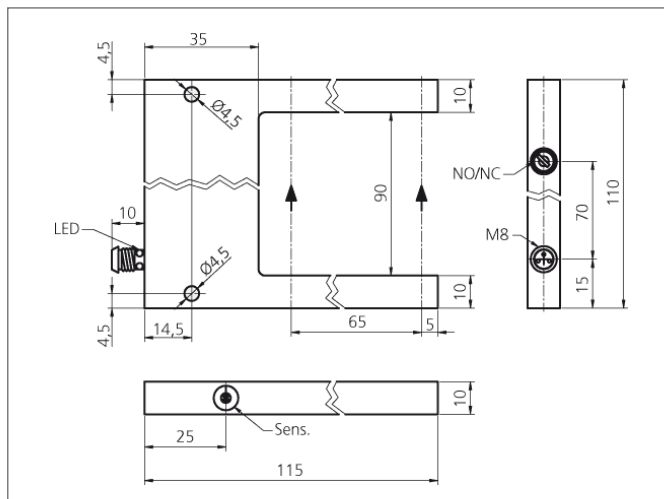


Safety instructions

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 |
|------------------------------|--|--------------------------------|
| Evaluation | | difference |
| Size | | 110 x 115 x 10 mm (Dimensions) |
| Design | | fork |
| Fork opening | | 90 mm |
| Emitted light | | Infrared, non-clocked |
| Service voltage | | 12 ... 35 V DC |
| Transmitter / receiver | | transmitter + receiver |
| Output | | pnp, 200 mA, NO/NC, switchable |
| Sensitivity adjustment | | potentiometer |
| Internal power consumption | | < 35 mA |
| Voltage drop | | 2,5 V |
| Operating frequency | | 5.000 Hz |
| Resolution | | Ø 0,25 mm |
| Switching hysteresis | | < 0,2 mm |
| Reproducibility | | 0,01 mm |
| Ambient temperature | | 0 ... +60 °C |
| Insulation voltage endurance | | 500 V |
| Protection class | | IP 67 |
| Casing material | | Aluminium black anodized |
| Connection | | Connector, M8, 3-poled |
| Signal input | | < 2,5 V |