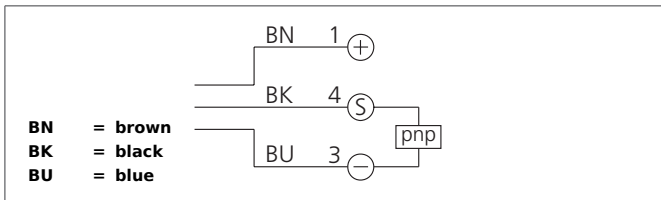


OGU 121/205 P3K-TSSL

Fork Light Barrier

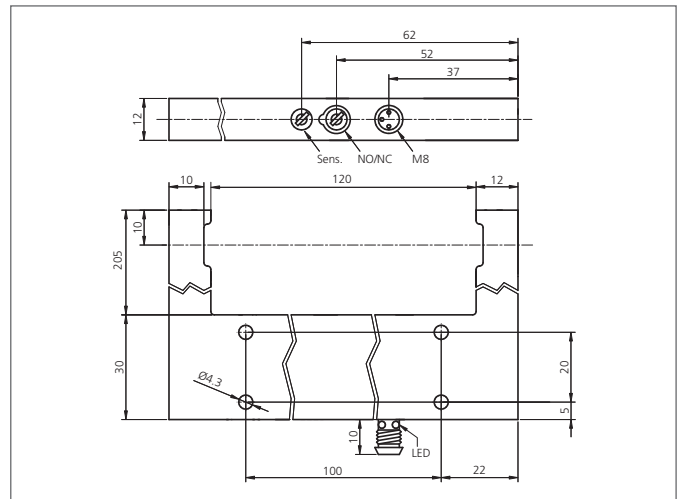
- Light/dark switching
- Metal casing
- Integrated electronic module
- Sensitivity adjustable
- High operating frequency
- Bright ring LED
- High protection class
- 5-year warranty



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 | Optical |
| Evaluation | digital |
| Size | 144 x 235 x 12 mm (Dimensions) |
| Design | fork |
| Fork opening | 120 mm |
| Branch length inside | 205 mm |
| Emitted light | Red, clocked |
| Service voltage | 10 ... 35 V DC (Supply Class 2) |
| No-load current | < 40 mA |
| Resolution | Ø 0,8 mm |
| Sensitivity adjustment | potentiometer |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Switching hysteresis | < 0,25 mm |
| Shock-/vibration load | 10 ... 55 Hz / 1,0 mm / 30 g |
| Voltage drop | < 2,8 V |
| Switching frequency | 2000 Hz |
| Reproducibility | 0,06 mm |
| Ambient temperature, operation | -10 ... +60 °C |
| Ambient light immunity | 40 kLx |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |
| Protection degree | III, operation on protective low voltage |
| Casing material | Aluminium black anodized |

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| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|------------------------------|------------------------|
| Connection | Connector, M8, 3-poled |
| Connecting cable | TK ... |