

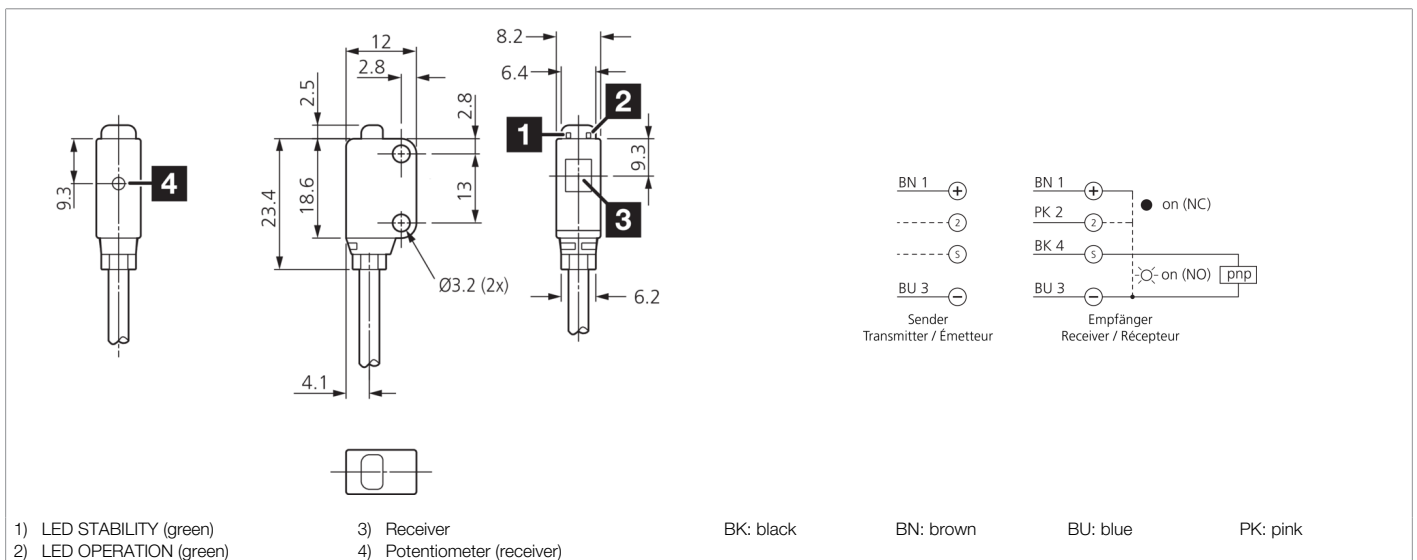


207204

LES 21 K 1000 P3

Laser through-beam sensor, transmitter and receiver

- Long ranges with a small design
- High resolution
- Visible red light with small light spot
- Sensitivity is adjustable
- LED switching status display
- Set includes transmitter and receiver



| Function | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|---|
| Service voltage | 10.8 ... 26.4 V DC |
| No-load current (max.) | 10 mA |
| Insulation voltage endurance | 1000 V |
| Housing dimensions | 22 x 13 x 8.5 mm |
| Housing length | 13 mm |
| Housing height | 22 mm |
| Housing width | 8.5 mm |
| Housing material | Plastic |
| Material | Acrylic (Window) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Through-beam sensor |
| Evaluation | digital |
| Design | Cuboid design |
| Consisting of | Transmitter and Receiver |
| Switching output | pnp, 50 mA, NO/NC |
| Light source | Laser |
| Laser class | CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014) |
| Color | Red |
| Wavelength | 655 nm |

**207204****LES 21 K 1000 P3****Laser through-beam sensor, transmitter and receiver**

| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------------|--|
| Modulation | Clocked |
| Ambient light immunity | 3 kLx |
| Range | 0 ... 1000 mm |
| Resolution | 6 x 4 mm (with operating range 1000 mm) |
| Smallest detectable object | Ø 0.3 mm |
| Switching hysteresis (max.) | 20 % |
| Sensitivity adjustment | Potentiometer |
| Switching frequency | 1000 Hz |
| Response time | 0.50 ms |
| Ambient temperature during operation | -10 ... +55 °C |
| Vibration/shock resistance | 10 ... 500 Hz / 1.5 mm / 10 G |
| Protection type | IP 67 |
| Connection | Cable, 2.0 m, 4-pin (flying leads) |
| Connection cable | TK ... /4 |
| More information / accessories | https://www.di-soric.com/207204 |