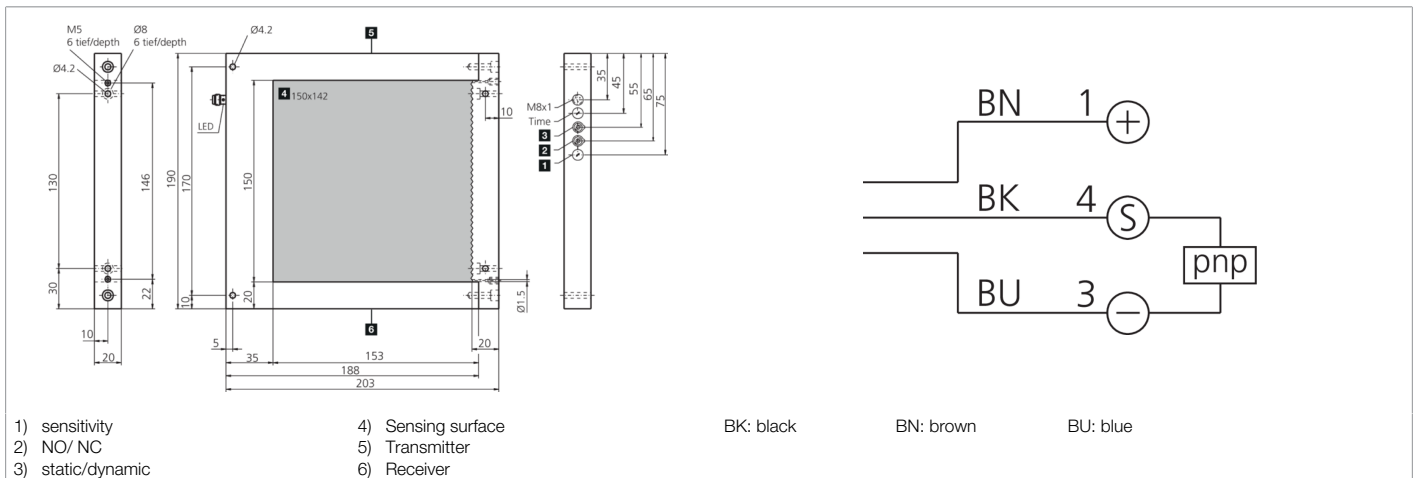




201405
OGWSD 150 P3K-TSSL
Frame light barrier

- Baffle protection at the optics
- Metal potentiometer
- Cross bar, removable
- Air nozzle for the optics
- NO/NC, switchable
- Variable operating principle: dynamic or static
- Sensitivity adjustment
- Pulse stretching adjustable
- High resolution
- Short response time



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

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|--|
| Service voltage | 18 ... 35 V DC |
| No-load current (max.) | 45 mA |
| Insulation voltage endurance | 500 V |
| Housing material | Aluminum (Black, Anodized) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Optical |
| Evaluation | digital, Dynamic/static switchable |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | 2.5 V |
| Pulse stretching | 0.1 ... 150 ms adjustable |
| Light source | LED |
| Color | Infrared |
| Wavelength | 940 nm |
| Modulation | Clocked |
| Ambient light immunity | 20 kLx |
| Detection range | 150 x 142 mm |
| Resolution | Ø 3.0 mm (dynamic), Ø 5.0 mm (static) |
| Sensitivity adjustment | Potentiometer |
| Response time | 0.10 ms |
| Release time | 0.10 ... 150 ms |
| Ambient temperature during operation | 0 ... +60 °C |
| Protection type | IP 67 |



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Technical data (typ.)

+20°C, 24 V DC

Connection

Connector, M8, 3-pin

Connection cable

TK ...

More information / accessories

<https://www.di-soric.com/201405>