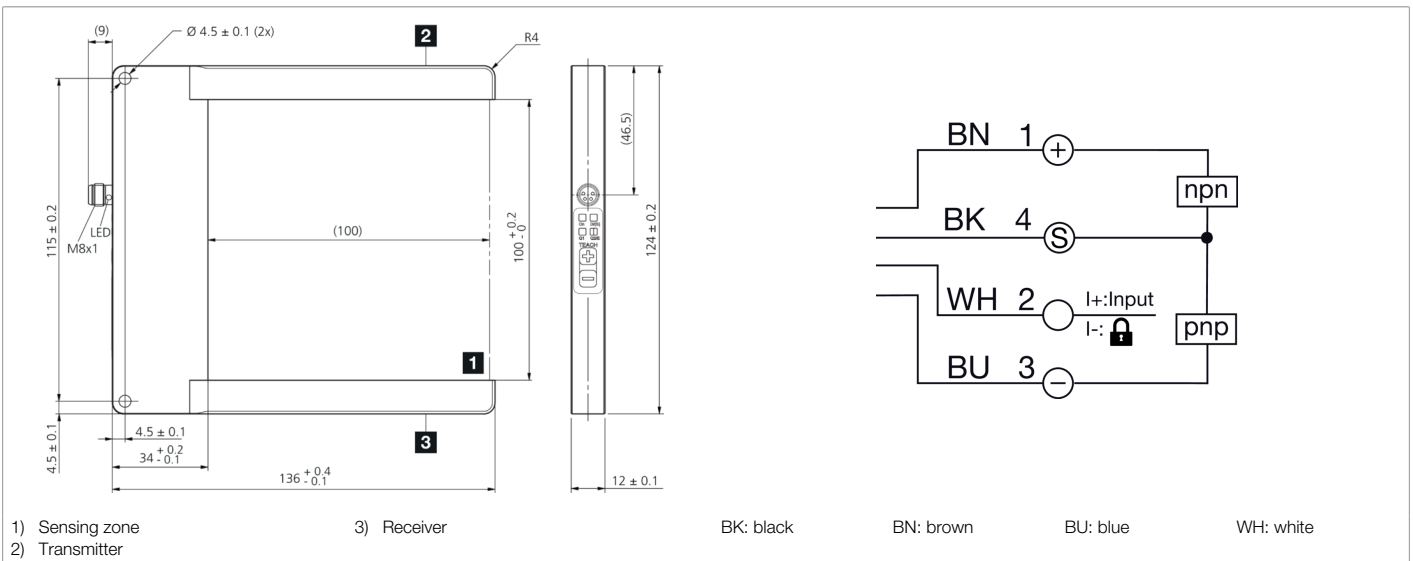




213356
OGWTI-100G3-T4
Frame light barrier

- IO-Link
- Fork structure
- Robust metal housing
- Compact design
- High resolution
- Short response time
- Intuitive teach-in using a membrane keyboard and with fine adjustment
- Operating principle: dynamic or static
- 4 operating modes as an IO-Link parameter



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

| Technical data (typ.) | +20°C, 24 V DC |
|-----------------------------|---|
| Service voltage | 18 ... 30 V DC |
| No-load current (max.) | < 45 mA |
| Inverse polarity protection | Yes |
| Short-circuit protection | Yes |
| Housing dimensions | 136 x 124 x 12 mm |
| Housing material | Die-cast zinc (Black, powder-coated) |
| Material | Plastic (Window) |
| Weight | 224 g |
| Approvals | UL |
| Operating principle | Optical |
| Evaluation | Switching, Dynamic/static switchable |
| Design | Fork |
| Operating modes | Static, Dynamic, Shadowing |
| Switching output | Push-pull, 100 mA, NO/NC, switchable |
| Voltage drop (max.) | 2 V |
| Interface | <ul style="list-style-type: none"> ■ IO-Link V1.1.3, COM2 (Smart Sensor Profile) ■ 2nd Edition V1.1 SSP 4.1.1 |
| Pulse stretching | 20 ms adjustable |
| Light source | LED |
| Color | Infrared |



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| Technical data (typ.) | +20°C, 24 V DC |
|---------------------------------------|--|
| Detection range | 100 x 100 mm |
| Resolution | Ø 2.5 mm (dynamic), Ø 3.0 mm (static) |
| Sensitivity adjustment | Keypad |
| Display | LED Green - Status, yellow - Switching output 1, white - static/dynamic, yellow/red - Switching output 2 / Warning |
| Response time | 0.05 ms |
| Release time | 0.05 ... 10000 ms |
| Ambient temperature during operation | -10 ... +60 °C |
| Protection type | IP 67 |
| Connection | Connector, M8, 4-pin |
| Connection cable | TK ... /4 |
| More information / accessories | https://www.di-soric.com/213356 |