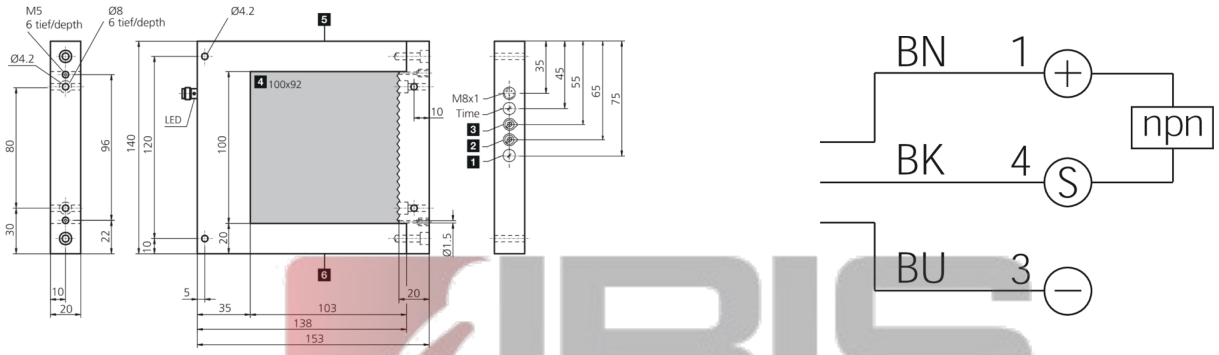
# 201400
# OGWSD 100 N3K-TSSL
# Frame light barrier

- 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 activation time




1) sensitivity
2) NO/ NC
3) static/dynamic
4) Sensing surface
5) Transmitter
6) Receiver

BK: black BN: brown BU: blue

IBIS
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**Function**

| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Service voltage | 18 … 35 V DC |
| No-load current (max.) | 35 mA |
| Insulation voltage endurance | 500 V |
| Housing material | Aluminum (Black, Anodized) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Dynamic/static switchable |
| Switching output | npn, 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 | 100 x 92 mm |
| Resolution | Ø 2,5 mm (dynamic), Ø 3,0 mm (static) |
| Sensitivity adjustment | Potentiometer |
| Activation time | 0,10 ms |
| Release time | 0,10 … 150 ms |
| Ambient temperature during operation | 0 … +60 °C |
| Protection type | IP 67 |
| Connection | Connector, M8, 3-pin |
| Connection cable | TK … |