

OGWSD 100 N3K-TSSL

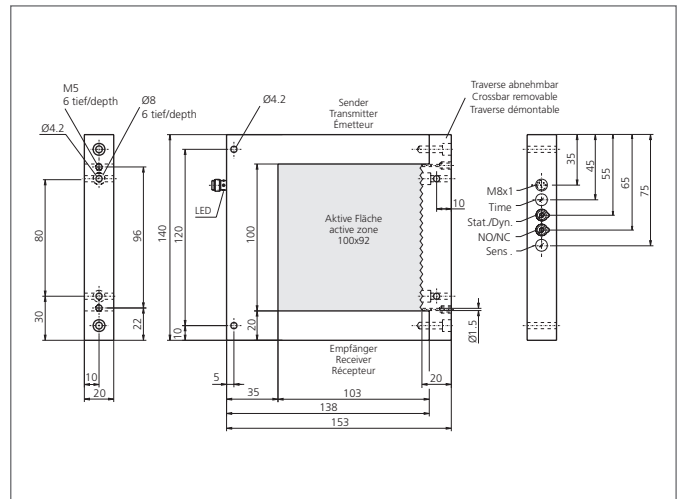
Frame Light Barrier

- 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 response time



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 | Dynamic/static switchable, Optical |
| Active zone | 100 x 92 mm |
| Emitted light | Infrared, 880 nm, clocked |
| Service voltage | 18 ... 35 V DC |
| Internal power consumption | < 35 mA |
| Resolution | Ø 2,5 mm (dynamic), Ø 3 mm (static) |
| Sensitivity adjustment | potentiometer |
| Switching output | npn, 200 mA, NO/NC, switchable |
| Pulse stretching | 0,1 ... 150 ms adjustable |
| Voltage drop | < 2,5 V |
| Response-/release time | 0,1 ms / 0,1 ... 150 ms |
| Ambient temperature | 0 ... +60 °C |
| Ambient light immunity | 20 kLx |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |
| Protection degree | III, operation on protective low voltage, III |
| Casing material | Aluminium black anodized |
| Connection | Connector, M8, 3-poled |
| Connecting cable | TK ... |