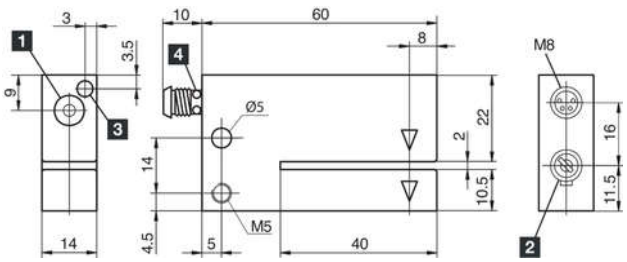
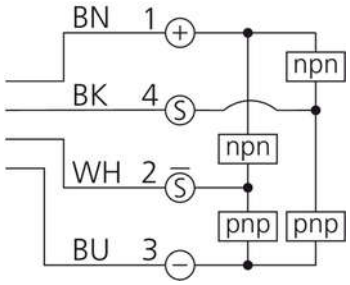
# 203038
# OGUTI 002 G4K-TSSL
# Optical label sensor

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- LED indicator for the teach procedure
- Detection of an extremely wide range of different labels
- Large functional reserve
- Light/dark switching






1) TEACH key
2) NO/ NC
3) LED
4) LED 4 x 90° (yellow)

BK: black BN: brown BU: blue WH: white

**Function**

| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Service voltage | 10 … 35 V DC (Supply Class 2) |
| No-load current (max.) | 35 mA |
| Insulation voltage endurance | 500 V |
| Leg length internal | 40 mm |
| Housing dimensions | 35 x 60 x 14 mm |
| Housing length | 60 mm |
| Housing height | 35 mm |
| Housing width | 14 mm |
| Housing material | Die-cast zinc (Black, painted) |
| Protection class | III, operation on protective low voltage |
| Approvals | UL |
| Operating principle | Optical |
| Evaluation | digital |
| Design | Fork |
| Product series | OGUTI Optical |
| Switching output | Push-pull (2x), 200 mA, NO/NC, switchable |
| Voltage drop (max.) | 2 V |
| Light source | LED |
| Color | Infrared |
| Wavelength | 880 nm |
| Modulation | Clocked |
| Ambient light immunity | 40 kLx |
| Fork opening | 2 mm |
| Resolution | Ø 0.5 mm |
| Switching hysteresis (max.) | 0.1 mm |

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| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Reproducibility | < 0.03 mm |
| Sensitivity adjustment | Teach button |
| Switching frequency | 3000 Hz |
| 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/203038 |
|---|---|


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