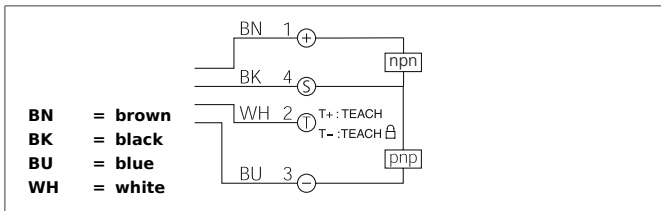


OKTTI 55 M 30 FG3LK-IBS

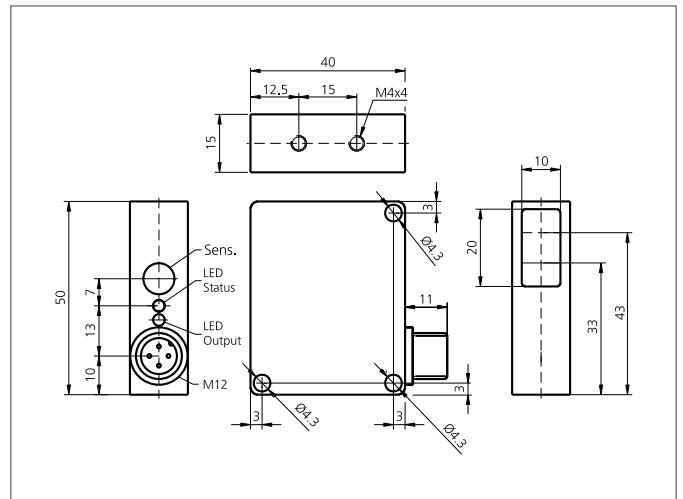
Optical Contrast Diffuse Sensor

- Contrast diffuse sensor with high resolution for detecting print marks
- Teach-in key / remote teach option / lock function
- Auto-teach during a running process
- LED indicator for the teach procedure
- Robust metal casing



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 |
|--------------------------------|--------------------------------------|
| Size | 50 x 40 x 15 mm (Dimensions) |
| Emitted light | White, clocked |
| Service voltage | 10 ... 35 V DC |
| No-load current | < 40 mA |
| Light spot size | Ø 3 mm |
| Operating distance | 27 ... 33 mm |
| Resolution | Ø 0,7 mm |
| Sensitivity adjustment | Teach key + remote teach |
| Switching output | Push pull, 200 mA, NO/NC, switchable |
| Switching hysteresis | < 0,01 mm |
| Shock-/vibration load | 10 ... 55 Hz / 1,0 mm / 30 g |
| Voltage drop | < 2,0 V |
| Switching frequency | 3000 Hz |
| Ambient temperature, operation | -10 ... +60 °C |
| Ambient light immunity | 20 kLx |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |
| Casing material | Die-cast zinc black lacquered finish |
| Material | polycarbonate (Window) |
| Connection | Connector, M12, 4-poled |
| Connecting cable | VK ... |