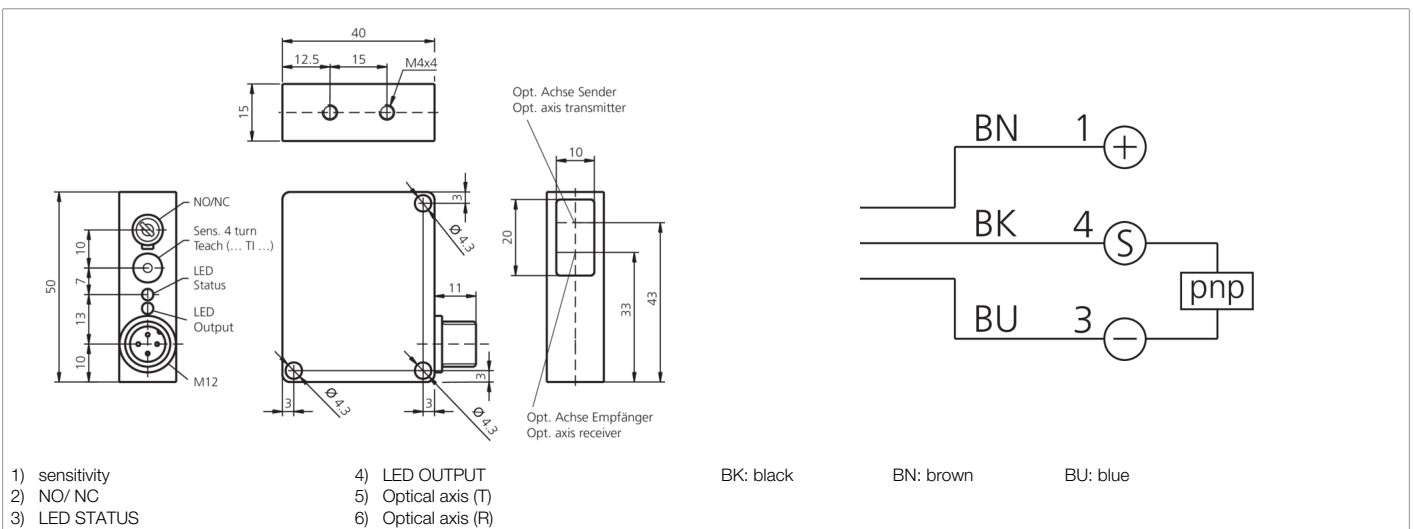




201556
OTV 51 M 500 P3K-IBS
Retroreflective diffuse sensor

- Red light
- 4-turn potentiometer
- Bright LED
- Light/dark switching, push-pull
- Functional reserve indicator/contamination indicator
- Robust metal housing



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

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|--|
| Service voltage | 10 ... 35 V DC |
| No-load current (max.) | 40 mA |
| Insulation voltage endurance | 500 V |
| Housing dimensions | 50 x 40 x 15 mm |
| Housing length | 40 mm |
| Housing height | 50 mm |
| Housing width | 15 mm |
| Housing material | Die-cast zinc (Black, painted) |
| Material | PMMA (Window) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Retroreflective diffuse sensor |
| Evaluation | digital |
| Design | Cuboid design |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | 2 V |
| Light source | LED |
| Color | Red |
| Wavelength | 660 nm |
| Modulation | Clocked |
| Ambient light immunity | 10 kLx |



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Retroreflective diffuse sensor

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|-----------------------|
| Scanning range | 100 ... 500 mm |
| Standardized measuring plate | 200 x 200 mm (white) |
| Switching hysteresis (max.) | 12 % |
| Reproducibility | < 1 % |
| Sensitivity adjustment | Potentiometer |
| Switching frequency | 1000 Hz |
| Response time | 0.50 ms |
| Release time | 0.50 ms |
| Ambient temperature during operation | -10 ... +60 °C |
| Temperature drift | 0.3 %/K |
| Protection type | IP 67 |
| Connection | Connector, M12, 3-pin |

| | |
|---------------------------------------|--|
| More information / accessories | https://www.di-soric.com/201556 |
|---------------------------------------|--|