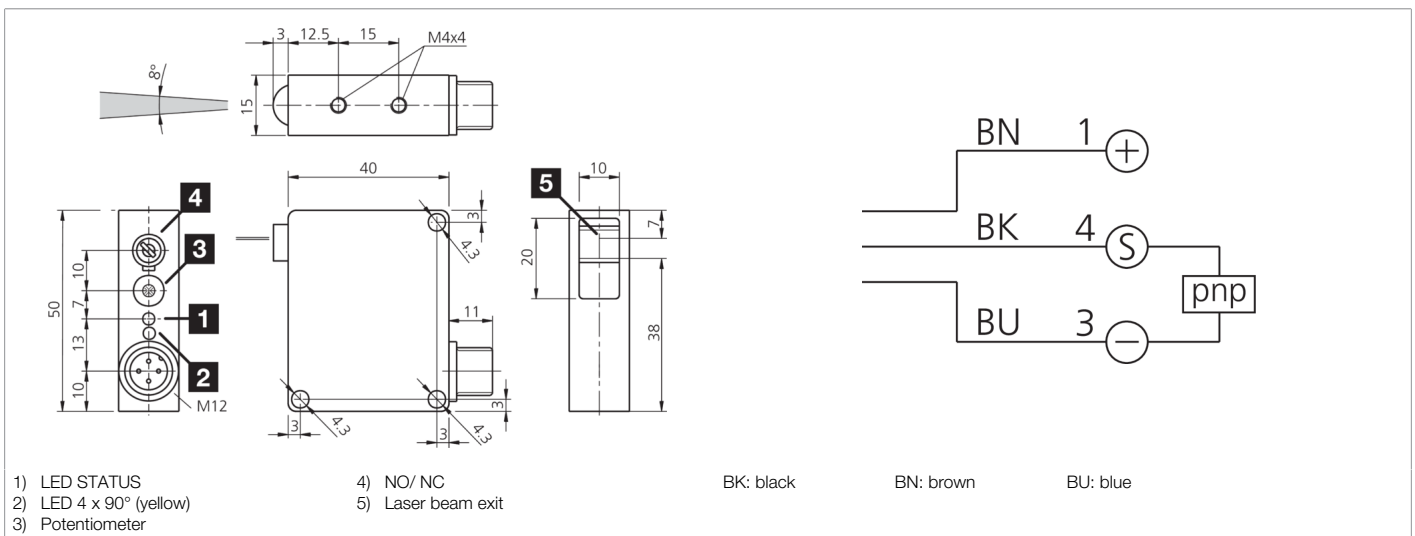




203048
LLRV 51 M 500 P3K-IBS
Line laser retroreflective sensor

- Fan-shaped laser beam with auto-collimation principle
- Detection of smallest parts within the entire active zone
- Red-light laser
- 4-turn potentiometer
- Robust metal housing



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

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|--|
| Service voltage | 10 ... 35 V DC |
| No-load current (max.) | 30 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 sensor |
| Evaluation | digital |
| Design | Cuboid design |
| Switching output | pnp, 200 mA, NO/NC, switchable |
| Light source | Laser |
| Laser class | 1 (IEC 60825-1) |
| Color | red |
| Wavelength | 670 nm |
| Modulation | Clocked |
| Ambient light immunity | 15 kLx |

**203048****LLRV 51 M 500 P3K-IBS****Line laser retroreflective sensor**

| | |
|---------------------------------------|--|
| Technical data (typ.) | +20°C, 24 V DC |
| Range | 50 ... 500 mm |
| Resolution | 25.0 ... 100 % (Light band cover) |
| Sensitivity adjustment | Potentiometer |
| Switching frequency | 750 Hz |
| Ambient temperature during operation | +5 ... +50 °C |
| Protection type | IP 67 |
| Connection | Connector, M12, 3-pin |
| Connection cable | VK ... |
| More information / accessories | https://www.di-soric.com/203048 |