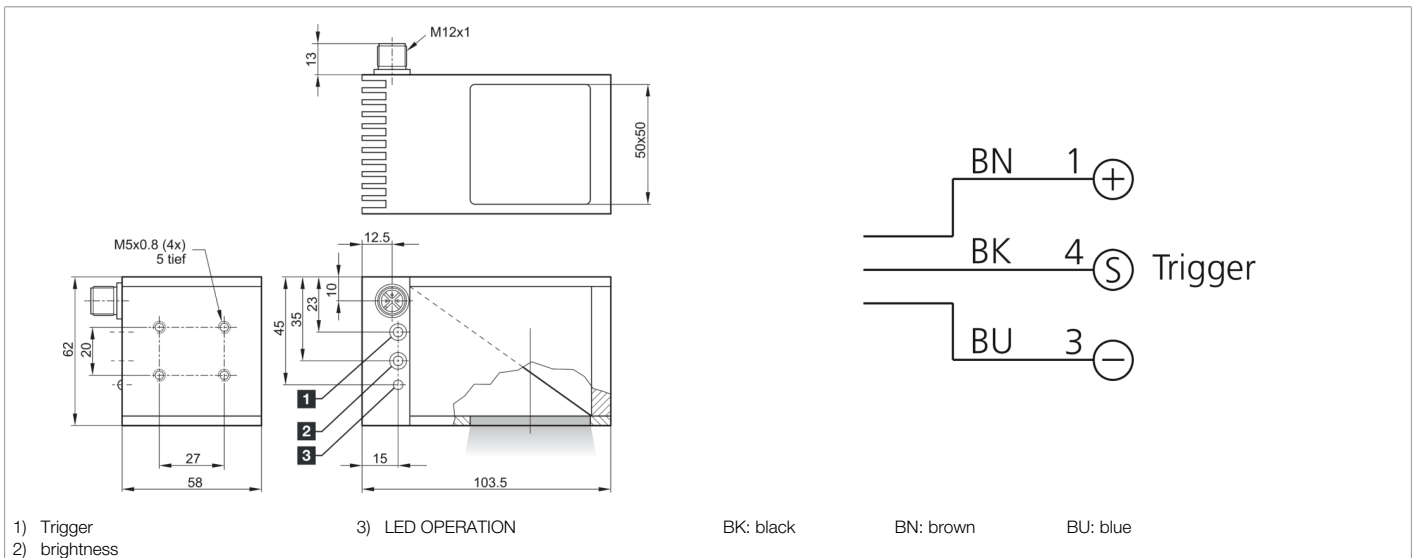




**206859**  
**BEK-K50/50-G2TI-IBS**  
**Coaxial light**

- Integrated current regulation
- Constant level of light intensity over the entire voltage range
- Homogeneous illumination
- External trigger input
- High efficiency
- Light intensity can be adjusted
- Robust metal housing



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

| Technical data (typ.)       | +20°C, 24 V DC                           |
|-----------------------------|--|
| Service voltage             | 18 ... 35 V DC (Supply Class 2)          |
| No-load current (max.)      | 300 mA (24 V DC)                         |
| Power                       | 7.2 W (24 V DC)                          |
| Inverse polarity protection | Yes                                      |
| Illuminated area            | 50 x 50 mm                               |
| Housing material            | Aluminum (Black, Anodized)               |
| Material                    | Mineral glass (Window)                   |
| Protection class            | III, operation on protective low voltage |
| Risk group (DIN EN 62471)   | Free group                               |
| Approvals                   | UL                                       |
| Characteristics             | Trigger input                            |
| Trigger input high level    | 3.3 ... 35.0 V                           |
| Trigger input low level     | < 2.8 V                                  |
| Light source                | LED                                      |
| Color                       | green                                    |
| Wavelength                  | 525 nm                                   |
| Deflection angle FWHM       | 120°                                     |



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| Technical data (typ.)                 | +20°C, 24 V DC  |
|---------------------------------------|---|
| Light intensity                       | <ul style="list-style-type: none"> <li>■ 14.2 kLx (30.0 mm)</li> <li>■ 6.80 kLx (50.0 mm)</li> <li>■ 23.6 kLx (5.0 mm)</li> </ul> |
| Control                               | Integrated power control  |
| Display                               | LED Green - Operating display   |
| Shock/vibration load                  | 30 g, 11 ms / 10 ... 55 Hz, 1.0 mm  |
| Ambient temperature during operation  | 0 ... +40 °C  |
| Protection type                       | IP 20   |
| Connection                            | Connector, M12, 3-pin   |
| Connection cable                      | VK ...  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/206859">https://www.di-soric.com/206859</a></b>  |