

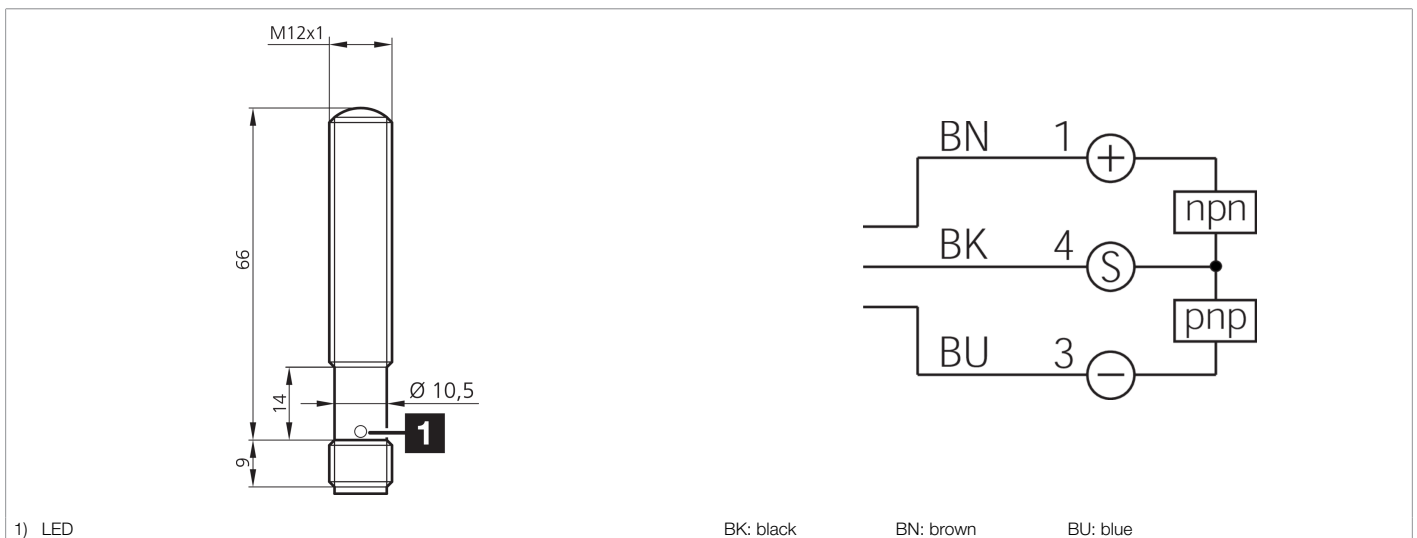


204089

OEP 12 V 5000 G2-IBSL

High performance light barrier, receiver

- Range up to 5 m
- Integrated amplifier electronics
- Transistor output with push-pull
- High function reserve
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combined
- High protection type
- Compact design



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

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|--|
| Service voltage | 10 ... 35 V DC |
| No-load current (max.) | 40 mA |
| Thread | M12 x 1 |
| Housing length | 66 mm |
| Housing material | Stainless steel (V2A 1.4301 / AISI 304) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Through-beam sensor, receiver |
| Evaluation | digital |
| Design | Thread |
| Characteristics | High transmit power and dirt penetration |
| Consisting of | Receiver |
| Switching output | Push-pull, 200 mA, NO (pnp) / NC (npn) |
| Ambient light immunity | 15 kLx Sunlight, 2 kLx Clocked light |
| Range | 0 ... 5000 mm (dependent on the transmitter) |
| Sensitivity adjustment | no setting elements |
| Switching frequency | 500 Hz |
| Shock/vibration load | 30 g, 11 ms / 10 ... 55 Hz, 2.0 mm |
| Ambient temperature during operation | -20 ... +60 °C |
| Protection type | IP 67 / IP 68 / IP 69K |
| Connection | Connector, M12, 3-pin |



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[More information / accessories](#)

<https://www.di-soric.com/204089>