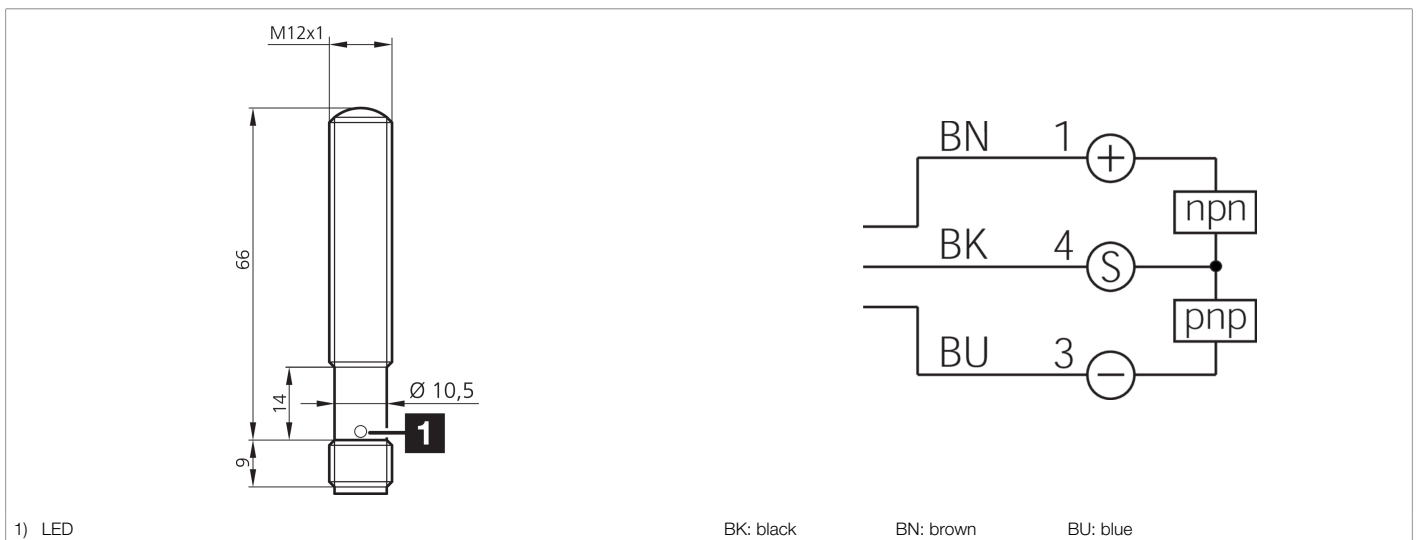




**204090**  
**OEP 12 V 5000 G1-IBSL**  
**High performance light barrier, receiver**

- 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, NC (pnp) / NO (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/204090>