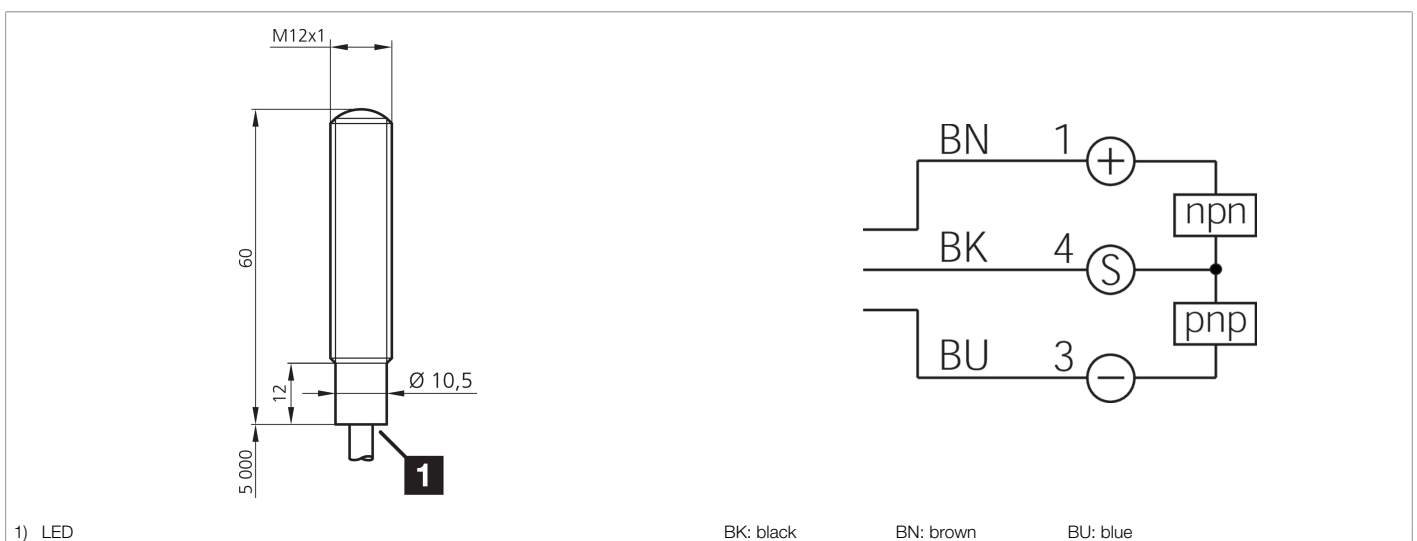




**204166**  
**OEP 12 V 50000 G1L-5M**  
**High performance light barrier, receiver**

- Long range
- 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	60 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material of cable	PVC
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 (nnp)
Ambient light immunity	15 kLx Sunlight, 2 kLx Clocked light
Range	0 ... 50000 mm (dependent on the transmitter)
Sensitivity adjustment	no setting elements
Switching frequency	20 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



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**High performance light barrier, receiver**

**Technical data (typ.)**

Connection

**+20°C, 24 V DC**

Cable, 5.0 m

**More information / accessories**

<https://www.di-soric.com/204166>