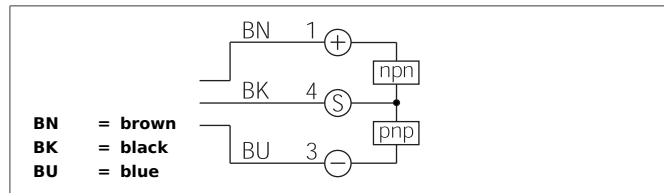
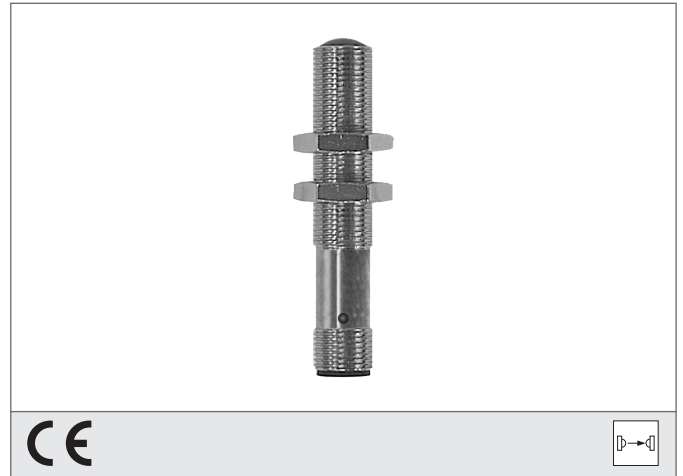


## OEP 12 V 50000 G2-IBSL

### High Performance Photoelectric Sensor, Receiver



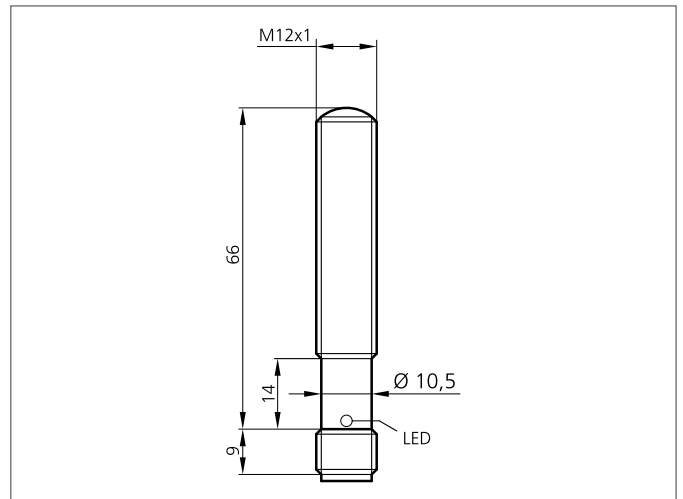
- High operating distance up to 50 m
- Integrated amplifier electronics
- Transistor output with push-pull
- High functional reserve
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combined
- High protection class
- Compact design



#### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Operating principle		Through beam sensors, receiver, switching output
Evaluation		digital
Size		M12 x 1 (thread)
Design		screw
Characteristics		High transmit power and dirt penetration
Service voltage		10 ... 35 V DC
No-load current		< 40 mA
Operating distance		0 ... 50.000 mm dependent on the transmitter
Sensitivity adjustment		no setting elements
Switching output		Push pull, 200 mA, NO (pnp) / NC (npn)
Shock/vibration load		10 ... 55 Hz / 2,0 mm / 30 g
Switching frequency		20 Hz
Ambient temperature		-20 ... +60 °C
Ambient light immunity		15 kLx, Sunlight, 2 kLx, clocked light
Protection class		IP 67, IP 68, IP 69K
Protection degree		III, operation on protective low voltage
Casing material		stainless steel V2A (1.4301 / AISI 304)
Connection		Connector, M12, 3-poled