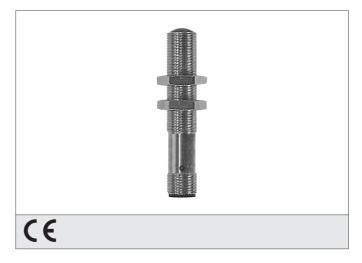
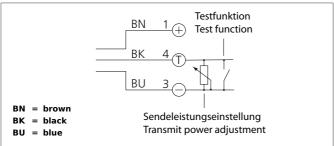
OEP 12 V 20000 G2-IBSL

High Performance Photoelectric Sensor, Receiver

- Operating distances up to 20 m
- Integrated amplifier electronics
- Transistor output with push-pull
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combinated
- High protection class
- Compact design

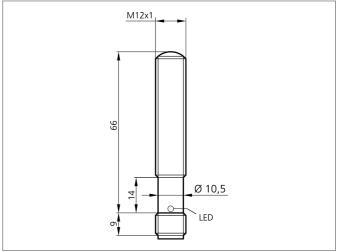




Safety instructions

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. Repair only by di-soric.



SizeM12 x 1 (Gewinde)DesignscrewOperating distance0 20.000 mmService voltage10 35 V DCTransmitter / receiverreceiverOutputPush pull, 200 mA, NOInternal power consumption< 40 mAShock-/vibration load10 55 Hz / 2,0 mm / 30 gOperating frequency150 HzAmbient temperature-20 +60 °CAmbient light immunity> 15 kLx, Sunlight, > 2 kLx, gProtection classIP 67, IP 68, IP 69KCasing materialstainless steel	TECHNICAL INFORMATION	+20°C, 24V DC
Operating distance 0 20.000 mm Service voltage 10 35 V DC Transmitter / receiver receiver Output Push pull, 200 mA, NO Internal power consumption < 40 mA Shock-/vibration load 10 55 Hz / 2,0 mm / 30 g Operating frequency 150 Hz Ambient temperature -20 +60 °C Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Size	M12 x 1 (Gewinde)
Service voltage 10 35 V DC Transmitter / receiver Output Push pull, 200 mA, NO Internal power consumption < 40 mA Shock-/vibration load 10 55 Hz / 2,0 mm / 30 g Operating frequency Ambient temperature -20 +60 °C Ambient light immunity Protection class 10 35 V DC Transmitter Push pull, 200 mA, NO 10 55 Hz / 2,0 mm / 30 g Push pull, 200 mA, NO 10 55 Hz / 2,0 mm / 30 g Push pull, 200 mA, NO Internal power consumption -40 mA 10 55 Hz / 2,0 mm / 30 g Internal power consumption -40 mA -40 mA -40 mA -40 mA -40 mA -40 mB -40	Design	screw
Transmitter / receiver receiver Output Push pull, 200 mA, NO Internal power consumption $< 40 \text{ mA}$ Shock-/vibration load $10 \dots 55 \text{ Hz} / 2,0 \text{ mm} / 30 \text{ g}$ Operating frequency 150 Hz Ambient temperature $-20 \dots +60 \text{ °C}$ Ambient light immunity $> 15 \text{ kLx}$, Sunlight, $> 2 \text{ kLx}$, g Protection class IP 67, IP 68, IP 69K	Operating distance	0 20.000 mm
Output Push pull, 200 mA, NO Internal power consumption < 40 mA Shock-/vibration load 10 55 Hz / 2,0 mm / 30 g Operating frequency 150 Hz Ambient temperature -20 +60 °C Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Service voltage	10 35 V DC
Internal power consumption < 40 mA Shock-/vibration load 10 55 Hz / 2,0 mm / 30 g Operating frequency 150 Hz Ambient temperature -20 +60 °C Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Transmitter / receiver	receiver
Shock-/vibration load $10 \dots 55 \text{ Hz / 2,0 mm / 30 g}$ Operating frequency 150 Hz Ambient temperature $-20 \dots +60 \text{ °C}$ Ambient light immunity $> 15 \text{ kLx, Sunlight, } > 2 \text{ kLx, g}$ Protection class $IP 67, IP 68, IP 69K$	Output	Push pull, 200 mA, NO
Operating frequency 150 Hz Ambient temperature -20 +60 °C Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Internal power consumption	< 40 mA
Ambient temperature -20 +60 °C Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Shock-/vibration load	10 55 Hz / 2,0 mm / 30 g
Ambient light immunity > 15 kLx, Sunlight, > 2 kLx, g Protection class IP 67, IP 68, IP 69K	Operating frequency	150 Hz
Protection class IP 67, IP 68, IP 69K	Ambient temperature	-20 +60 °C
1, 11, 11	Ambient light immunity	> 15 kLx, Sunlight, > 2 kLx, g
Casing material stainless steel	Protection class	IP 67, IP 68, IP 69K
	Casing material	stainless steel
Connection Connector, M12, 3-poled	Connection	Connector, M12, 3-poled

