

OGL 50/31-0 P2K-IBS

High Performance Angled Light Barrier

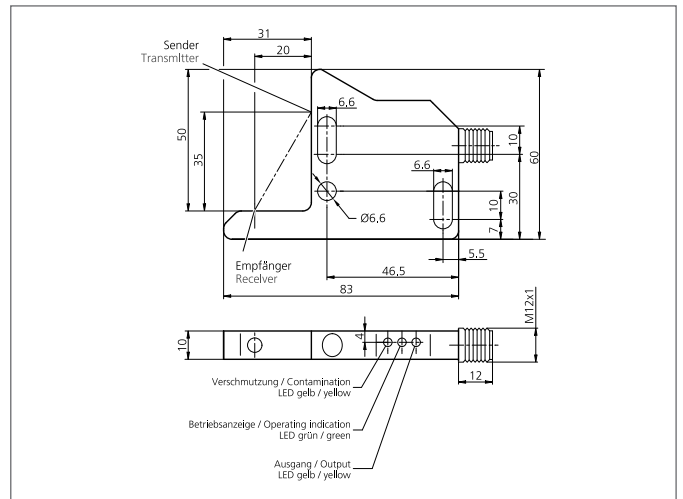
- High functional reserve
- Extremely dirt-resistant
- Optical axis approachable in x-, y- and z-direction
- All-purpose mounting
- Robust metal casing



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		Optical
Evaluation		digital
Size		60 x 83 x 10 mm (Dimensions)
Design		Angle
Branch length		50/31 mm
Characteristics		High transmit power and dirt penetration
Emitted light		Infrared
Service voltage		10 ... 35 V DC (Supply Class 2)
Internal power consumption		< 20 mA
Operating distance		40 mm (optical axis)
Sensitivity adjustment		no setting elements
Switching output		pnp, 200 mA, NO
Voltage drop		< 2,0 V
Switching frequency		50 Hz
Ambient temperature		-10 ... +60 °C
Ambient light immunity		5 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Protection degree		III, operation on protective low voltage
Casing material		Die-cast zinc
Connection		Connector, M12, 4-poled