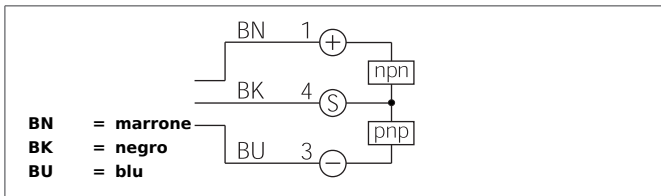


OEVP 50 M 50000 G3LK-IBS

High Performance Photoelectric Sensor, Receiver

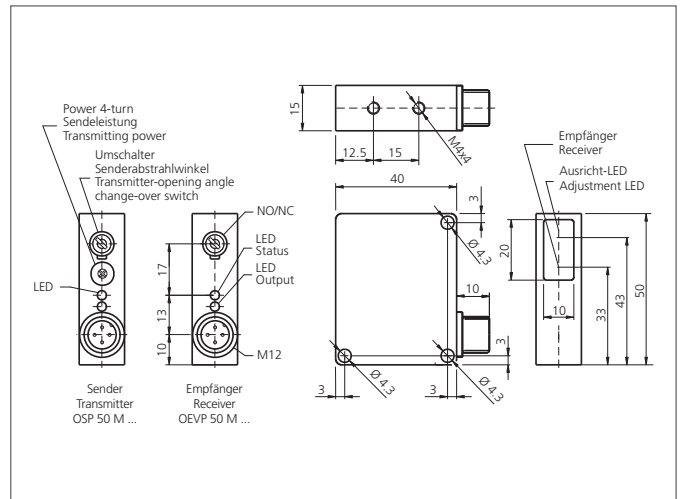
- Very high contamination and functional reserve
- High operating distance up to 50 m
- Infrared light
- Dark-/light switching, push-pull



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	50 x 40 x 15 mm (Dimensions)
Design	cuboid design
Characteristics	High transmit power and dirt penetration
Service voltage	10 ... 35 V DC
No-load current	< 40 mA
Operating distance	0 ... 50000 mm dependent on the transmitter
Sensitivity adjustment	no setting elements
Switching output	Push pull, 200 mA, NO/NC, switchable
Switching hysteresis	< 12 %
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Switching frequency	20 Hz
Ambient temperature, operation	-10 ... +60 °C
Ambient light immunity	15 kLx, Sunlight, 2 kLx, clocked light
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	Die-cast zinc black lacquered finish
Material	polymethyl methacrylate (Window)
Connection	Connector, M12, 3-poled