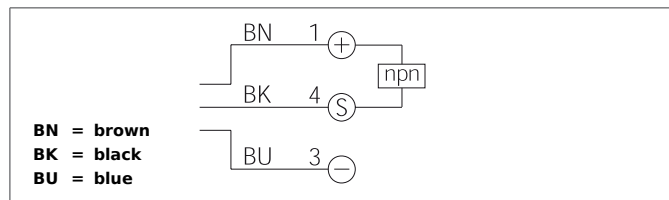


LRV 51 M 1000 N3K-IBS

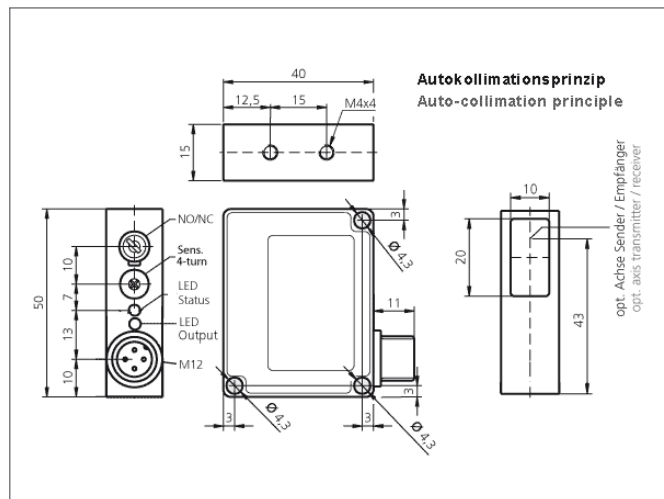
Laser Retroreflective Sensor

- Collimated red light laser, clocked
- Small laser spot and small reflector
- Polarized filter
- High operating frequency
- Robust metal casing
- 4-turn potentiometer
- Bright LED
- Light/dark switching
- Functional reserve indicator/contamination indicator



Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevention rules and laser class. 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.



TECHNICAL INFORMATION		+20°C, 24V DC
Evaluation		digital
Size		50 x 40 x 15 mm (Dimensions)
Design		cuboid design
Emitted light		Red light laser, 670 nm, clocked
Operating distance		1.000 mm
Service voltage		10 ... 35 V DC
Laser class		2 (EN 60825-1)
Referring reflector		RL 13 x 17 mm, (included)
Output		npn, 200 mA, NC/NO, switchable
Sensitivity adjustment		potentiometer
Internal power consumption		< 40 mA
Operating frequency		2.000 Hz
Switching hysteresis		< 0,1 mm
Reproducibility		0,05 mm
Ambient temperature		0 ... +50 °C
Ambient light immunity		5 kLx
Protection class		IP 67
Casing material		die-cast zinc lacquered finish
Material		polymethyl methacrylate (Window)
Connection		Connector, M12, 3-poled