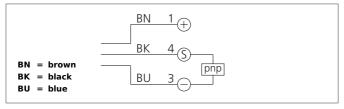
LRV 51 M 2000 P3K-IBS

Laser Retroreflective Sensor

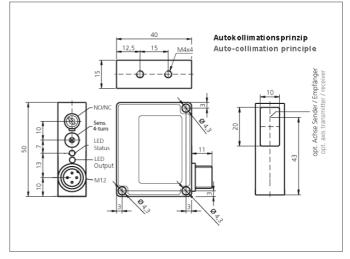
- Collimated red light laser, clocked
- Small laser spot and small reflector
- Polarized filter
- High operating frequency
- Robust metal casing
- 4-turn potentiometer
- Bright LED
- Light/dark switching
- Functional reserve indicator/contamination indicator





Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevenetion 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, 650 nm, clocked
Operating distance	2.000 mm
Service voltage	10 35 V DC
Laser class	2 (EN 60825-1)
Referring reflector	RL 13 x 17 mm, RL 42x35 mm
Output	pnp, 200 mA, NO/NC, switchable
Sensitivity adjustment	potentiometer
Internal power consumption	< 40 mA
Voltage drop	< 2,8 V
Operating frequency	2.000 Hz
Response-/release time	< 2,5 ms / < 2,5 ms
Ambient temperature	0 +50 °C
Ambient light immunity	5 kLx
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	die-cast zinc lacquered finish
Material	polymethyl methacrylate (Window)
Connection	Connector, M12, 3-poled

