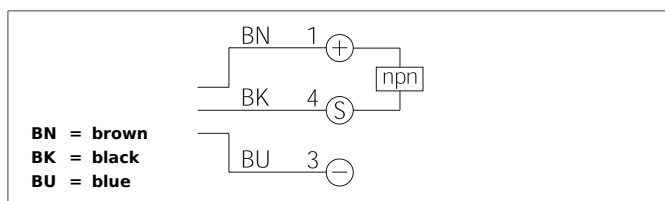


## ORV 51 M 2000 N3K-IBS

### Retroreflective Sensor

- Red light clocked
- 4-turn potentiometer
- High operating frequency
- Bright LED
- Light/dark switching
- Very high contamination and functional reserve
- Robust metal casing

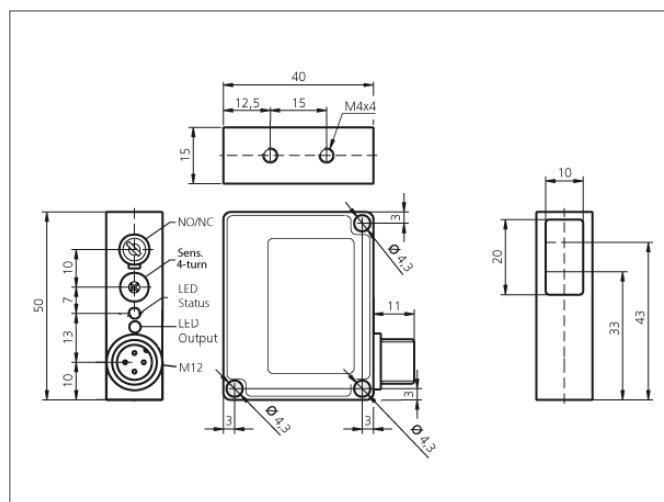


#### Safety instructions

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.

Repair only by di-soric.



TECHNICAL INFORMATION	
Evaluation	digital
Size	50 x 40 x 15 mm (Dimensions)
Design	cuboid design
Emitted light	Red, 660 nm, clocked
Operating distance	40 ... 2.000 mm
Service voltage	10 ... 35 V DC
Referring reflector	100 x 100 mm
Output	npn, 200 mA, NC/NO, switchable
Sensitivity adjustment	potentiometer
Internal power consumption	< 40 mA
Voltage drop	< 2,0 V
Operating frequency	1.000 Hz
Response-/release time	< 0,5 ms / < 0,5 ms
Ambient temperature	-10 ... +60 °C
Ambient light immunity	> 15 kLx, Sunlight, > 2 kLx, g
Insulation voltage endurance	500 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	die-cast zinc lacquered finish
Material	polymethyl methacrylate (Window)
Connection	Connector, M12, 3-poled