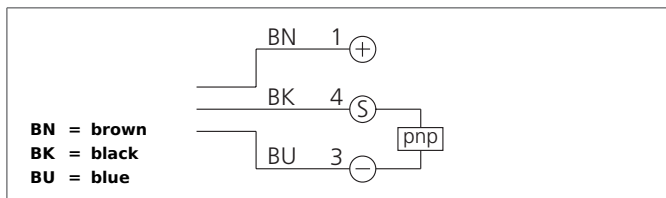


US 18 K 1003 PSK-TSSL

Ultrasonic Sensor

- Compact design
- Scanning range adjustable
- Insensitive to dirt
- Oil-resistant
- Insensitive to ambient noise
- Scanning does not depend on surface
- Switching output
- High follow-up speed
- High resolution
- Piezo-ceramic composite transducer

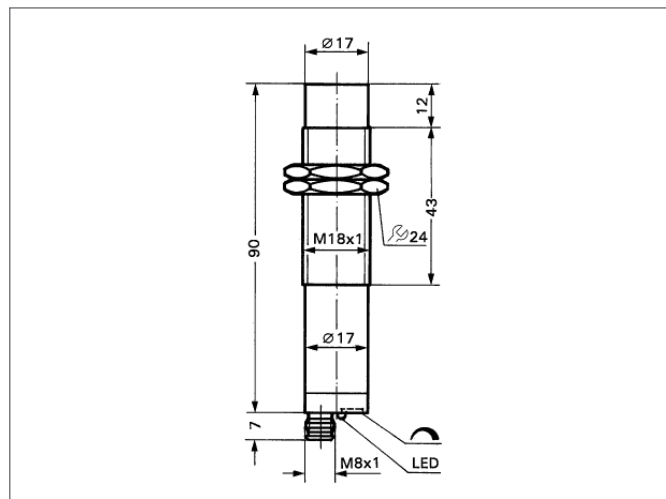


Safety instructions

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		+20°C, 24V DC
Operating principle		Ultrasonic sensor
Size		M18 x 1 (Gewinde)
Design		screw
Service voltage		18 ... 33 V DC
Operating distance		180 ... 1.000 mm
Switching output		Transistor pnp, 100 mA, NO
Operating frequency		180.000 Hz
Internal power consumption		35 mA
Operating frequency		7 Hz
Accuracy		< 2 % / Sn max.
Response-/release time		< 100 ms
Switching hysteresis		30 ... 60 mm
Ambient temperature		-20 ... +50 °C
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		polyamide
Connection		Connector, M8, 3-poled