

Leak Detector PCE-LDC 8



Leak detector for compressed air lines / easy handling / operating frequency 40 kHz /

Leak detection with the help of a headphone / robust device / battery operation

The Gas Leak Detector is used to locate leaks on compressed air lines. Furthermore, the Gas Leak Detector can also be used on coolant lines or gas lines for leak detection. The Gas Leak Detector is equipped with an ultrasonic sensor that can precisely detect leaks in air lines. The ultrasound sensor from the Gas Leak Detector works at a frequency of 40 kHz. This means that the Gas Leak Detector is calibrated to the medium frequency that leaks on pressure lines emit. This is in the range between 20 ... 80 kHz. A high-pass filter in the leak detector ensures that all noises are filtered at a frequency <40 kHz in order to perform a better leak detection. An integrated amplifier element in the leak detector ensures that the high-frequency tones,

In addition to the acoustic detection of a leak in compressed air lines, the Gas Leak Detector shows the intensity of the ultrasound signal on a display. The sensor from the Gas Leak Detector has a laser pointer for better targeting of the pipes or pressure vessels. A lance can also be adapted to the sensor, which contributes to pinpoint leak detection. With the help of the Gas Leak Detector, depending on the operating pressure in the pipeline, the user can safely locate a leak from a distance of up to 18m, 59 ft. The Gas Leak Detector is operated with a rechargeable battery, which ensures that the Gas Leak Detector can be used for up to 6 hours. The Gas Leak Detector is delivered in a robust carrying case including all accessories.

- Working frequency of 40 kHz
- easy to use
- up to 6 h battery operation
- Leak detection via headphones and LCD display
- robust and ergonomic
- Can be used over long distances

Specifications

measuring principle	Ultrasonic
measuring medium	Air, coolant, non-explosive gases
operating frequency	40 kHz ± 2 kHz
connections	3.5 mm jack plug for sensor 3.5 mm jack plug for headphones and charger
display	LC display
power supply	NiMH battery
operating time	approx. 6 h without laser pointer approx. 4 h with laser pointer
charging time	about 1.5 h
operating temperatur	Normal operation: 0 ... 40 ° C Charging mode: 10 ... 40 ° C
laser	2nd grade; <1mW; 650 nm
Dimensions	7.54 x 3.44 x 2.09 in; 191.5 x 87.5 x 53 mm
Weight	approx. 250 g

Measurement options pressure vs. Diameter / range

print	diameter	Range
0.5 bar	0.1 mm	6.6 ft, 2 m
	0.2 mm	6.6 ft, 2 m
	0.5 mm	32.8 ft, 10 m

print	diameter	Range
5 bar	0.1 mm	26.2 ft, 8 m
	0.2 mm	45.9 ft, 14 m
	0.5 mm	59.1 ft, 18 m

More information

Manual



Datasheet



More product info



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