

Gas detector GPD-1000

Applications

- Detection of SF6 gas
- Detection of SF6 gas alternatives
- Leak detection of halogenated coolants

Special features

- Two sensitivity levels, settable via a double click of the On/Off button
- Automatic switch-off function in order to prevent unnecessary battery usage
- Prevents the reading of erroneous measured values by means of a visible and audible signal notifying of a low battery level
- Replacement measuring tip in the instrument



Gas detector, model GPD-1000

Description

The model GPD-1000 gas detector is used for the detection of the smallest concentrations of SF6 gas and is thus ideally suited for the location of leaks. During operation, the approximate size of the leaks can be quantified via an audio signal.

Easy to use

The instrument is notable for its ease of handling and good operability. Because of its low weight and its ergonomic form, this model is also the ideal partner for gas detection out in the field.

Leak detection with this unit is through a flexible gooseneck, which in turn has a gas inlet on the front. An interchangeable measuring tip prevents unforeseen incidents and ensures the availability of the instrument at all times. The pump in the console case provides continuous flow of the sucked-in gas mixture through the measuring tip of the instrument.

Specifications

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Detection limit	3 ppm _v
Battery lifetime	35 hours
Detectable leak rate	< 3 g/year (0.1 oz/year)
Sensor lifetime	30 hours
Operating temperature	0 ... 50 °C
Warm-up time	< 2 seconds
Response time	< 1 second
Response time reset	< 1 second
Acoustic alarm signals	Yes
Length of gooseneck	300 mm