

HALOGEN DETECTOR

PCE-HAD 5



- » refrigerant gases CFC, HCFC and HFC
- » ergonomic housing
- » triple alarm: visual, audible, vibration
- » automatic power off
- » operating time: 6 h
- » T90 warm-up time: 30 s
- » response time T90: <30 s
- » flexible probe

Our halogen detector is a versatile instrument for the detection of halogen gases such as chlorine, fluorine, medical ethylene oxide, ethanol vapour and other refrigerants. It is used in fire extinguishing systems, air conditioning systems, cooling systems and refrigerant recovery systems to detect gases such as CFCs, HCFCs and HFCs. The leak detector offers precise measurement within the range of 0 ... 1000 ppm with a resolution of 1 ppm and a quick response time (T90) of below 30 seconds as well as a warm-up time of only 30 seconds.

The halogen detector has an ergonomic housing and a flexible, 265 mm long universal probe that can be adapted for measurements in different environments. It utilises a semiconductor sensor for real-time measurement of gas concentration. The temperature and battery level are also shown on the colour display. The alarm settings include audible signals, colour changes of the display and vibration alarms, which are differentiated according to the gas concentration: a slow tone with intermittent vibration at values between the lower and upper limit value and a fast continuous alarm at values above the upper limit value.

Our halogen detector offers automatic power off after 15, 30 or 60 minutes, depending on the setting, and an operating time of up to 6 hours. The halogen detector is characterised by its compact construction, non-slip design and simple operation, making it ideal for use in various industrial and commercial applications.

Specification

Gas

Measurement range up to 0 ... 1000 ppm

Resolution 1 ppm

Accuracy $\pm 5\%$ FS

Temperature

Measurement range up to -10 ... +50 °C

Resolution 0,1 °C

Accuracy $\pm 1\%$ °C

Temperature

Measurement range up to 14 ... 122 °F

Resolution 0,1 °F

Accuracy $\pm 2\%$ °F

General technical data

Display type LC colour display

Display size 2 Inch

Response time 30 s

Warm-up time 30 s

Operating time 6 h

Automatic power-off from...to 15 ... 60 min.

Automatic power-off can be deactivated Yes

Tripod thread 1/4 inch

Refrigerant R12, R502, R500, R22, R32, R402A, R402B, R409A, R410A, R134a, R404A, R407C, R507, R11, R13, R113, R114, R503, R170, R600a, R1270, R123, R124, R1416, R142b, R403A, R125, R417A, R23, R1343

Sensor length 265 mm

Alarm Acoustic, Vibration, optical

Alarm modes Upper alarm limit adjustable: 110 ... 990 ppm
Lower alarm limit adjustable: 100 ... 890 ppm

Menu language English, English (GB)

Protection class (device) IP40

Weight 177 g

Operating conditions -10 ... 50 °C , 10 ... 99 % RH

Storage conditions -10 ... 50 °C , 10 ... 99 % RH

(Rechargeable) battery 4 x 1,5 V AAA battery , Alkali-manganese

Capacity 1200 mAh

Dimensions (L x W x H) 173 x 64 x 30 mm