

Refrigerant Detection A800 Series

These effective and reliable gas monitors will detect levels of CFC/HCFC/HFC's in the environment

Features:

- Renewable sensor
- Two alarm output relays
- Audio and Visible warning
- Units can be calibrated to detect most CFC's, HCFC's and HFC's
- Each Unit issued with a test certificate



The AMOS 800 series gas detectors will monitor continuously for the presence of CFC's, HCFC's and HFC's in the atmosphere. Alarm state is indicated by a red LED and integral sounder with outputs provided by relays configured to suit your application.

The units may be used in 'Stand Alone' mode or grouped into a multi-way system using an appropriate AMOS Mimic Controller to indicate system status and provide further control features, custom-built to your specific requirements.

Each detector is gas tested and issued with a works calibration certificate, further calibration is not normally required during the expected five year lifetime of the sensor.

Outline Specification A800 Series

Indicators:

Green LED Powered
Red LED Alarm together with audible sounder operating

Alarm outputs:

2 x Relay each with SPCO volt free contacts rated 10A.
Links provided to cater for various operational configurations.

- Standard settings:
Relays normally energized, in alarm event will change state and latch.
Relays auto reset after loss of power.
Reset: Push button.
- Custom settings:
Relays to energise on alarm and auto reset in non alarm conditions.

Alarm levels:

Standard calibration: from 500ppm.
Typical refrigerants: R22, R134a, R407c and R410a.
Special calibrations also available.

Calibration:

All units supplied with factory calibration certificates.

Sensor:

Integral or remote (up to 50 metres).
Remote sensor fixing: by utilising standard patresse electrical boxes with mounting bracket – dimensions (mm): 85(h) x 85(w) x 32(d).
Alternative fixings available for special applications, (duct mounting).
Expected serviceable life: 5 years.
Operating temperature: -20°C to +45°C.
Certified enclosures for hazardous atmospheres available

Detector:

Dimensions (mm): 110(h) x 110(w) x 57(d).
Electrical connections: standard terminal lock.
Fixing: supplied with separate 85(h) x 85(w) x 32(d) patresse box fitted with mounting bracket.
Operating temperature: -5°C to +45°C.

Power supply:

230V AC mains or 24V DC or 12V DC. Consumption < 6W.



AMOS Mimic Controller indicates system status and provides various controll output facilities tailored to your needs.



Remote sensor and detector showing patresse box fixing.

AMOS brings over 30 years experience to gas detection and is able to offer a wide variety of solutions, ranging from single units through to major bespoke systems.

Manufactured by Ruston Electronics Ltd of Luton an ISO 9001:2000 Approved Company.



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