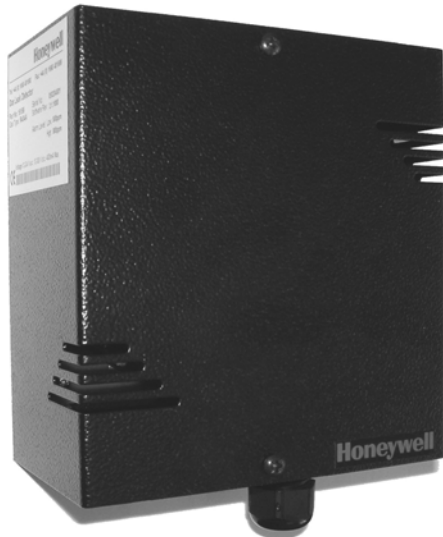


AURA SERIES REFRIGERANT GAS LEAK DETECTOR - SINGLE ZONE

SPECIFICATION DATA



GENERAL

The Honeywell Aura series of Refrigerant Gas Detection Sensors are used to detect the leakage of refrigerant gas and notify a monitoring system or provide a local indication (i.e. audible or visual signal). Remedial action can then be taken to stop and replace the lost gas.

The units consist of an enclosure incorporating a sensor and monitor to detect gas leaks in an area, room, zone, airspace or airflow.

The Aura series has two available models, SN0500 and SN0501, and can interface with Honeywell's Excel-Pack range of controllers.

The sensors allow for full compliance with EC2037/2000 and standard EN378 (Europe) and ASHRAE 15-1994(USA)

Most refrigeration systems are prone to developing leaks. More than often leaks start small, developing gradually over a period of time. Leaks cost money, both in terms of the need to replace expensive refrigerant gas and the loss of system performance. The issue of the environment damage leaks cause is also a concern.

FEATURES

- Single refrigerant gas sensor for types R404a and R410.
- 12Vac to 24Vac or 12Vdc to 30Vdc power supply.
- Can be used 'stand-alone' or connected to an analogue input of a controller / monitor.
- 2 alarm relays
- Compliant with EC2037/2000, standard EN378 (Europe) and ASHRAE 15-1994(USA)

APPLICATIONS

- Compressor Packs
- Coldrooms
- Evaporators
- Refrigerated Display Cases
- Food Processing Factories

ORDERING INFORMATION

Part Number	Description
SN0500	R404a Gas type
SN0501	R410 Gas type

SPECIFICATION

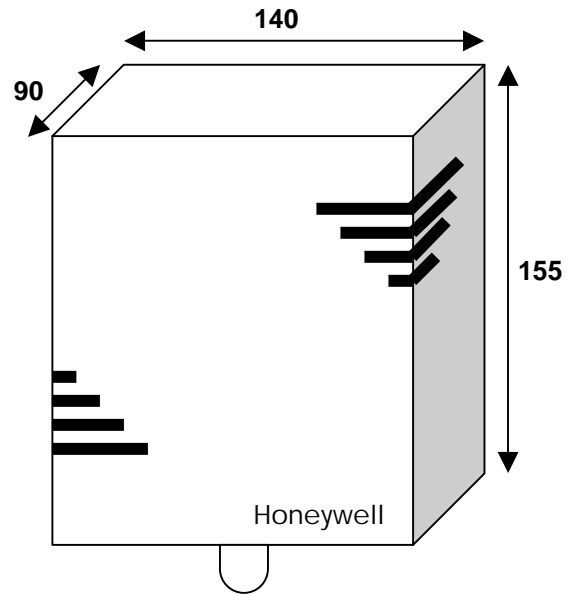
Technical Data

The sensor consists of an enclosure incorporating an interchangeable pre-calibrated sensor board and monitor board.

Power Supply	12 Vac to 24Vac or 12Vdc to 30Vdc
Enclosure Construction & Type	Powdered coated steel box
Output	0-5V, 0-10V, 4-20mA
Relays	Two relays with jumper selectable NO/NC State, automatic or manual reset, delayed response 0,1,5 or 10 minutes.
Range	0-1000 PPM
Response	Generally +/- 30 Seconds from relay response rate above
IP Rating	IP20
Operating Temp.	0°C to +50°C (+32°F to +122°F)
Storage Temp.	-20°C to +60°C (-4°F to 140°F)
Relative Humidity	5 to 90% non-condensing
Mounting	Wall mounted
Weight	900g.
Dimensions	155mm (H) x 140mm (W) x 90mm (D)

Dimensions

All measurements in mm



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