

GAS & SPECIALTY SENSORS

REFRIGERANT LEAK DETECTOR 6401 SERIES



6401 Series



DESCRIPTION

The **Bacharach 6401 Series or MGS-250 Refrigerant Leak Detector** is capable of detecting the presence of escaping refrigerants. It is model specific for five different CFC refrigerant types: R-22, R-123, R-134A, R-407A and R-410A. An selectable analog output is provided to allow interfacing to computer monitoring equipment. An alarm relay is also provided with adjustable set point and selectable time delay function to prevent nuisance alarms along with LED and Display. The **6401 Series** is designed to be used as part of a control system that helps to prevent the formation of a hazardous environment when properly installed and maintained.

FEATURES

- R-22, R-123, R-134A, R-407A and R-410A detection
- Selectable analog output
- LED status indication
- Alarm relay output
- 0 to 15 minute time delay (adjustable)

SPECIFICATIONS

Supply Voltage	24 VAC @ 24 VA, 50/60 Hz; 24 VDC @ 1 A
Accuracy	±5%
Signal Output	4-20 mA @ 1000Ω, 0-5V, 0-10V, 1-5V or 2-10V
Measurement Range	0-3500 ppm
Relay Output	SPDT, 1 A @ 24 VAC/VDC (5% DIF)
Sensing Technology	Non-dispersed Infrared
Life Expectancy	5-7 years
Response Time	5 min.
Communication	RS485, Modbus RTU, 9600 Baud
Wiring	18 to 20 AWG terminals
Operating Temperature	-22° to 104°F (-30° to 40°C)
Operating Humidity	50 to 90% non-condensing
Dimensions	4"H x 5.5"W x 1.5"D (10.2 x 14 x 3.7 cm)
Weight	0.4 lb (0.2 Kg)
Approvals	CE
Warranty	1 year

WIRING

12	NO Relay
11	Common Relay
10	NC Relay
9	RS485SH
8	RS485 B
7	RS485 A
6	Output +
5	Output -
4	24VDC -
3	24VDC +
2	24VAC N
1	24VAC L

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ORDERING INFORMATION

MODEL	DESCRIPTION
6401-0501	R-22 wall Refrigerant leak detector
6401-0502	R-123 wall Refrigerant leak detector
6401-0508	R-410A wall Refrigerant leak detector
6401-0505	R-407A wall Refrigerant leak detector
6401-0503	R-134A wall Refrigerant leak detector

Note: Use "F" at the end of the model to include 1/2" NPT connection.

RELATED PRODUCTS

Calibration Gases	CO, CO2, NO2, O2, CH4, NH3, N2, H2S, H2, and Refrigerants (See calibration page)
UCK-1	Universal calibration kit for non-corrosive gases (N2, CO2, CH4, H2, O2, CO, and refrigerants)
DCPA-1.2	Power supply, 120 VAC In to 24 VAC/24 VDC Out
691-K0A	Control transformer, 120:24 VAC, 40 VA, Class 2
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT

NEW!