



Series GA-170 Gas Alarm

The Series GA-170 Gas Alarm system provides a reliable and simple solution for gas detection applications. The GA-170 Gas Alarm incorporates a simple modular design that can integrate a variety of gas sensor types with up to four sensors per alarm module. The digital alarm module is controlled through a user-friendly interface consisting of push-buttons and a two line, sixteen character, alpha-numeric, backlit LCD Display. The digital alarm module is housed in a NEMA-4X enclosure, and includes visual and audible alarms. The electrochemical gas sensor(s) are housed in weatherproof enclosures, and can be located up to 1000 feet away from the alarm module. The alarm module includes common contact relays and adjustable alarm contact relays for each sensor. All sensor contact relays are user adjustable and High Alarms can be set as latching or non-latching and failsafe or non-failsafe. Battery Back-Up is available as an option.



Configuration

Sensor configuration mode is entered using a password and then adjusted using push buttons. Latching and Failsafe alarm options are also password adjustable.

Operation

Simple menu driven, push-button controlled programming is performed on the alarm module. Alarm outputs are provided to activate external devices. A front panel push button function is used to acknowledge/deactivate latching alarms. A contact input is provided for remote acknowledge of latching alarms. Front Panel display and LED's provide continuous and clear operation status.

Maintenance

Gas sensors can be replaced and/or recalibrated through the push-button menu. Sensor types can be easily changed.

Calibration

Contact Hydro Instruments for calibration gas and sensor testing devices.

Highlights:

- Up to 4 Sensors
- User-friendly key pad interface for easy calibration and operation
- Available for Cl_2 , SO_2 , NH_3 , H_2S , O_3 , ClO_2 , H_2 , O_2 , NO , NO_2 , HCl , CO
- Includes six alarm relays
- Backlit Liquid Crystal Display (LCD) for easy reading. 2 line, 16 spaces
- Built-In 90 dB audible Alarm and Danger/Alarm LEDs
- Optional Battery Back-Up
- RS232 Output Option
- 4-20 mA Output Option
- Remote Acknowledge
- Password Protection



