

ChemGAS

GA-180

Hydro Gas Alarm

The Series GA-180 Gas Alarm system provides a reliable solution for gas detection applications. The alarm incorporates a modular design that can integrate a variety of gas sensor types – up to 16 in total, in any combination.

The electrochemical gas sensor(s) can be located up 1000 ft. (300m) away from the alarm controller.

OPERATION

Simple menu driven, push-button controlled setup is performed through the controller. Alarm outputs are provided to activate external devices. A front panel push-button function is used to acknowledge/deactivate alarms as well as having a contact input for remote acknowledgement. Controller display and LED's provide real-time and clear operation status.

FEATURES

- ▶ Password protected configuration
- ▶ Integral 90dB horn
- ▶ Common alarm relays
- ▶ Individual sensor alarm relays (user adjustable, latching & non-latching, failsafe & non-failsafe)
- ▶ Battery backup
- ▶ Temperature monitoring available
- ▶ Isolated 4–20mA outputs
- ▶ MODBUS communication
- ▶ Modular circuitry

CONTROLLER

Enclosure	11" x9" x5"
Temperature Range	-4 to 131°F [-20 to 55°C]
Relays	10A SPDT
Audible Horn	90dB
Power	120–240VAC 50/60Hz
Battery Backup(optional)	12 hours, 2.9AHr, 12VDC gel cell
Sensor Outputs	4–20mA (isolated)
Communication	MODBUS
Remote Acknowledge	Input contact
Warranty	1 year limited

AVAILABLE GAS SENSORS

Ammonia (NH ₃)	0–100 PPM
Carbon Monoxide (CO)	0–5000 PPM
Chlorine (Cl ₂)	0–10 PPM
Chlorine Dioxide (ClO ₂)	0–10 PPM
Hydrogen (H ₂)	0–5000 PPM
Hydrogen Chloride (HCl)	0–100 PPM
Hydrogen Sulphide (H ₂ S)	0–200 PPM
Nitrogen Dioxide (NO ₂)	0–20 PPM
Ozone (O ₃)	0–10 PPM
Sulphur Dioxide (SO ₂)	0–30 PPM

Note: Other sensors and ranges are available. Consult Hydro Instruments for options



Contact us or visit our website for more information