

Digital Alarm Module

NEMA 4X Enclosure:	7" x 7" x 3"
Temperature Range:	0°-55° C / 32°-131°F
Total Weight:	6 lbs
Two Relays: Common AC:	5A SPDT
Power Requirement:	100-250 VAC / 50-60 Hz
Power Consumption:	20 W max.
Analog Outputs:	Two isolated 4-20mA outputs
Digital Communication:	Modbus RS-485 Two-way
Warranty:	1 year limited

Sensor

Cable Type:	22 AWG shielded
Cable Length:	25 ft. std. (longer available)
Sensor Type:	Electrochemical

Includes shipping cap and calibration ports.

Standard Gas Sensors

Ammonia (NH ₃):	1-300 PPM
Chlorine (Cl ₂):	1-10 PPM
Chlorine Dioxide (ClO ₂):	0-10 PPM *
Ozone (O ₃):	0-10 PPM *
Sulfur Dioxide (SO ₂):	0-30 PPM
Hydrogen (H ₂):	0-200 PPM
Hydrogen Sulfide (H ₂ S):	0-100 PPM
Nitric Oxide (NO):	0-100 PPM *
Nitrogen Dioxide (NO ₂):	0-100 PPM
Oxygen (O ₂):	0-25%
Hydrogen Chloride (HCl):	0-10 PPM

Note: Other ranges are available. Consult your Hydro Instruments local representative.

Series GA-171 Gas Alarm Ordering Information

Model GA-171 - A - B - C - D - IS

Note: Add an "A" after the number for each gas type to indicate a side mounted sensor enclosure.

A. Sensor 1 Gas Type:

- 1 - Chlorine (0-10 PPM)
- 2 - Sulfur Dioxide (0-30 PPM)
- 3 - Ammonia (0-100 PPM)
- 4 - Other (consult factory)

B. Sensor 2 Gas Type:

- 1 - Chlorine (0-10 PPM)
- 2 - Sulfur Dioxide (0-30 PPM)
- 3 - Ammonia (0-100 PPM)
- 4 - Other (consult factory)
- 5 - None

C. Power Requirements:

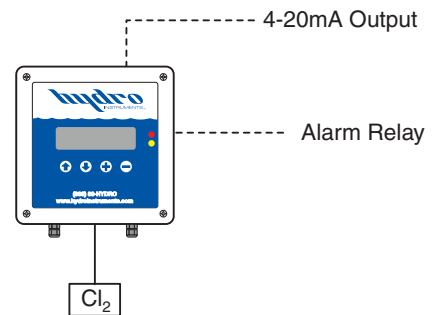
- 1 - 120 VAC, 50-60 Hz
- 2 - 240 VAC, 50-60 Hz

D. Sensor Cable Length:

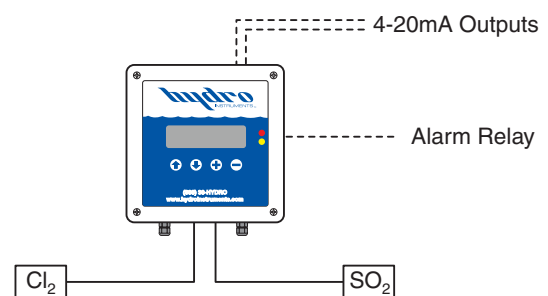
- 1 - 25 ft. (8 m) standard per sensor
- 2 - Additional length

Examples:

GA-171-1-5-1-1-IS



GA-171-1-2-1-1-IS



INSTRUMENTS

