4200-IG
Industrial Grade Gas Monitor

Flexible gas monitoring and control in commercial and industrial facilities

The 4200-IG offers an intelligent solution for monitoring of toxic and combustible gases in ambient air. The central panel offers full user interface, control set-up and relay interlocks for ventilation control and gas leak alarms.
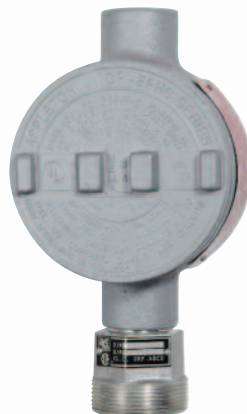
- multiple sensor inputs
- relays for ventilation, BAS and alarm interface
- analog outputs for remote control and interface
- simultaneous display of all sensor concentrations

The standard 4200-IG can accept the analog input from any of the Arjay offered sensor transmitters, or can monitor any of your own. This monitor is ideal for industrial facilities, wastewater treatment plants, utilities, and any application where a full monitor and control station is required.

for use with any style of analog sensor transmitter

EC-Gold
General Purpose
ppm toxic and % oxygen

HLM-2000
HazLoc
toxic and LEL

IR-200A
General Purpose
Refrigerants

IR-350
General Purpose
Carbon Dioxide

4200-IG

Standard Features

- wall mount Type 4 painted steel enclosure
- central panel with audio and optional visual alarms
- optional remote panels with audio and visual alarms
- touch screen with gas concentration display
- user defined relay override switches
- user defined password protection
- user defined gas names and Location Title
- models for 2, 6, 10 or 18 sensor inputs
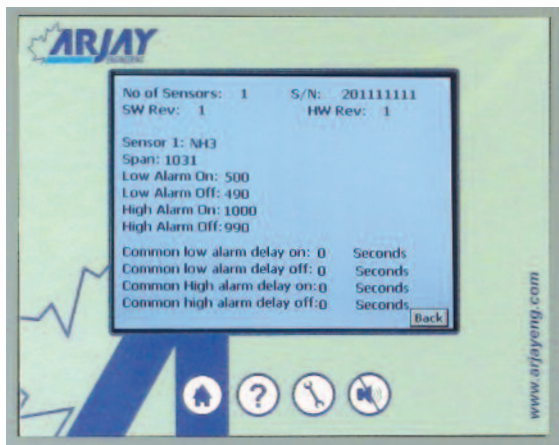
Technical Specifications - Panel

Operating Temperature   0° to 40°C, indoor use
Power Input   24 vdc, 110 vac, or 220 vac
Enclosure Rating   Type 4
Relays   SPDT, dry rated 240 vac
Analog Output   (optional)   scalable 0/4 to 20 mA non-isolated, one per sensor input
Display   touch screen, full colour on main, monochrome on remote
Certifications   CSA and UL Electrical Safety

Optional beacon

Technical Specifications - Sensor

Refer to the specific sensor transmitter required. This panel can monitor :

- ppm toxic inputs from the EC-Gold and HLM-2000-TX transmitters
- % oxygen inputs from the EC-Gold and HLM-2000-TX transmitters
- % LEL combustible inputs from the HLM-2000-EX transmitter
- ppm refrigerant inputs from the IR-200 transmitter
- ppm carbon dioxide from the IR-350 transmitter
- user supplied 4-20 mA input from any sensor type

Full diagnostics and setup functions

up to four analog sensor inputs

power input

high and low relay outputs for each sensor

1 x 4-20 mA output   per sensor input (optional)

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