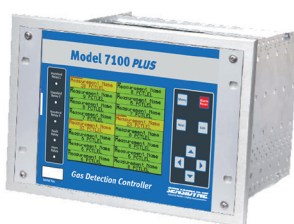# Model 7100-*PLUS* Controller   *8/16 Channels*

- 8/16 channel display modes accept inputs from many sensor types and signal ranges. Input types include 4-20mA and Modbus.

- Ethernet with Modbus TCP serves/client and web server for configuration and monitoring

- RS-485 serial ports allow simultaneous Modbus Master/Slave operation. Two standard ports and two optional isolated ports.

- Wireless Modbus and SensCast wireless interfaces available

- Three independent alarm levels per channel. "Relay Acknowledge" feature allows silencing of external audible devices during alarm conditions.

- QVGA Color LCD displays monitored data as trends, bar graphs and engineering units. Readouts change colors to indicate alarms.

- Five standard SPDT 5-amp alarm relays. HORN, FAULT and three programmable alarm relays

- Options cards such as 4-20mA inputs, 4-20mA outputs, discrete and programmable alarm relays

- Cal Mode offers push-button zero/span calibration for remote sensor applications

- Authorization Mode allows locking of critical settings

- Data Logger onto SD card allows recording of input values, and events for more than 10 years

- Power supply options include both 150 and 600 Watt

- Magnetic keypad standard for non-intrusive operation in potentially hazardous locations

- Enclosures include wall mount NEMA 4X - Non-Metallic, 316 SS, XP and Rack/Panel Mount

The **Model 7100-*PLUS*** controller combines the reliability of our proven Model 7100 controller with the advanced upgrades of our Model 7200 64 channel controller in one low cost package. The Model 7100-*PLUS* provides simultaneous display and alarm functions for up to 16 input variables. 8 or 16 channel display modes, and I/O modules arranged in groups of 8 channels, allow economical configuration of systems. This easy-to-configure, user friendly controller is ideal for centralizing display and alarm functions in critical multipoint monitoring applications.

Panel/Rack Mount

Compact Fiberglass NEMA 4X Wall Mount

Aluminum NEMA 7 XP Wall Mount