



sierra monitor corporation

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For Immediate Release

Sierra Monitor Catalytic Bead Combustible Gas Sensor Module with 6 Month FM Approved Calibration Cycle

September 19, 2006 – The Sierra Monitor 5100-02-IT is the only Catalytic Bead Combustible Gas Sensor with a 6 month (180 day) calibration cycle. Now the user can have the advantage of long term calibration of an IR sensor and cost effectiveness and the broad detection range of the proven catalytic bead sensor. This long term calibration cycle has been performance tested and approved by Factory Mutual.

Dangerous combustible gas can build up in enclosed areas of industrial plants such as oil, gas, and petrochemical facilities. In the wastewater treatment industry combustible gases are released during digestion operation and can lead to a hazardous situation. It is necessary to continuously monitor for these gases to prevent damage to the facility.

The 5100-02-IT from Sierra Monitor Corporation provides interface via 4-20 mA, Modbus RS-485 or Sierra Monitor's proprietary Sentry bus. The 5100-02-IT is a standalone module loaded with the features required to provide the due diligence expected in hazardous areas including:

- ◆ FM approved for performance and area safety requirements including Group B
- ◆ Fastest response time, highest accuracy, and specifications unmatched in the industry.
- ◆ Integral scrolling LED with magnet operated menu and easy, non-intrusive calibration
- ◆ Isolated 4-20mA, Modbus RTU
- ◆ Integral alarm relays

About Sierra Monitor Corporation

Sierra Monitor Corporation manufactures and integrates hazardous gas monitoring systems for industrial safety applications. With more than 25 years experience and over 14,000 installations of fixed gas monitoring systems Sierra Monitor is a technology leader in the industry. Sierra Monitor's accomplishments include the **first** digital bi-directional multi-drop communication bus between sensors and controller, the **first** serial Modbus communication output for plant-wide systems, the **first** interface to third party legacy sensors and devices and the **first** cost-effective web-based graphical system for monitoring plant-wide hazardous gas conditions.