



sierra monitor corporation

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For Immediate Release

Sierra Monitor 5100-28-IT IR Combustible Gas Sensor Module is SIL Certified

August 1, 2006 – Sierra Monitor Corporation, Milpitas, California proudly announces that the Model 5100-28-IT, the best-of-class infrared Combustible Gas Sensor Module, is now SIL Certified as well as FM Performance and Safety Approved. The 5100-28-IT also meets NFPA 72 requirements. Backed by 25 years of gas detection experience, the 5100-28-IT from Sierra Monitor stands ready to manage gas risks in the tough oil and gas industry.

The 5100-28-IT sensor module provides interface via 4-20 mA, Modbus RS-485 or Sierra Monitor's proprietary Sentry bus. The 5100-28-IT is a standalone module loaded with the features required to provide the due diligence expected in hazardous areas including:

- ◆ Long term calibration interval for reduced maintenance costs
- ◆ FM approved for performance and area safety requirements including Group B
- ◆ SIL Certified
- ◆ Fastest response time, highest accuracy, and specifications unmatched in the industry.
- ◆ Integral scrolling LED with magnet operated menu for display of gas status and easy, non-intrusive calibration
- ◆ Isolated 4-20mA, Modbus RTU and Sentry digital bus output to meet specific application communications requirements
- ◆ Integral alarm relays may be supplemented by higher amperage control relays in the same enclosure

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.

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Your Highest Expectation is Ours

