



sierra monitor corporation

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For Immediate Release

Sentry 5100-28 IR Methane Gas Sensor

July 15, 2004 -- Sierra Monitor Corporation, a leader in fixed hazardous gas detection systems, proudly announces the new **Model 5100-28 IR Combustible Gas Sensor Module**. The 5100-28 IR Gas Sensor Module utilizes smart sensor technology to provide the user with more than just another combustible gas sensor. This gas detector includes Sentry bus digital communications to interface to new and existing state-of-the-art Sentry gas detection systems, but also includes 4-20 mA output to interface to a PLC or other systems, and Modbus RTU output to interface directly to digital controls, DCS and PLCs. Its versatility is further enhanced by its capability to monitor not only for Methane, but it can also be configured to monitor for a wide range of other combustible gases. And, it can monitor for these gases in either a 0-100% LEL range or a 0-100% by volume range!

Users of the 5100-28 IR Gas Sensor Module appreciate the digital display of gas concentration, a one-person calibration capability utilizing the menu on the display and alarm relays for high, low and trouble alarms. This gas sensor module can be upgraded to more powerful relays and even a remote sensor option is available to allow the user to place the sensor in those hard to access locations while keeping the display and relays in an easily accessible area.

The FM-Approved Sierra Monitor 5100-28 IR Gas Sensor Module was developed to be the smartest, most flexible gas sensor module available today. Its flexibility allows it to be installed in both new installations and as an upgrade to existing systems.

Sentry gas risk management systems have been the leader in hazardous gas detection for over 18 years and the new 5100-28 is another step in the development of smart plant-wide gas detection systems that meet the safety needs of plant managers and safety engineers worldwide. For more information about the 5100-28 visit our website at: www.sierramonitor.com/datasheets/sentryIR.html.

About Sierra Monitor Corporation

Sierra Monitor Corporation has been a manufacturer of ambient hazardous gas monitoring systems for over 23 years. With over 14,000 installations of fixed gas monitoring systems and access to the world's best gas sensor technologies, Sierra Monitor is a leader in hazardous gas detection systems. Sierra Monitor's Sentry Gas Risk Management System has always been a leader in data handling for hazardous gas monitoring systems for over 15 years. **First** with digital 2-way communication bus from sensors to controller, **first** with serial Modbus communication output for plant-wide systems, **first** with the ability to interface to other sensors and devices and now **first** to offer a cost-effective web-based graphical system for monitoring plant-wide hazardous gas conditions.

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