

***New Product Announcement***  
**from the MSA Instrument Division**

MSA (Mine Safety Appliances Company), Pittsburgh, Pa.



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*For Immediate Release*

**MSA Instrument Division Releases Z Gard™ Gas Monitoring Products**

The MSA Instrument Division, Pittsburgh, PA, is pleased to announce the release of the Z Gard™ Gas Monitoring Products. These unique and economical sensors and controllers offer a wide range of features normally found on higher-priced units, and are configurable to fit many gas monitoring needs.

**The Z Gard S Sensor** is designed to detect the presence of carbon monoxide or nitrogen dioxide in air. Solid state or electrochemical sensors are employed which generate a representative output signal proportional to the gas concentration. All Z Gard S Sensors are available with two output versions, a 4-20mA analog output or an addressable RS485 digital signal. The RS485 digital output version is specifically designed to mate with an MSA Z Gard C Controller, operating as a system. The Z Gard S Sensor with 4-20mA can be installed as a stand-alone sensor or can be integrated with the Z Gard C Controller or existing building automation system.

**Z Gard C Controllers** are microprocessor-based and are designed to interface with up to 40 remote MSA Z Gard S Sensors. Remote gas sensors are connected via RS485 serial communication ports managed by the Z Gard Controller network or via a 4-20 mA analog output. These controllers can accept inputs from up to 40 MSA Z Gard Sensors. Through the Z Gard C Controller Assemble to Order price list, one can configure the controller that has the exact features to meet the application needs.

(more)

The Z Gard COmbo Gas Monitor with integrated carbon monoxide sensor is available in two versions, either employing a metal oxide solid-state sensor generally used for underground garage monitoring and ventilation control applications, or utilizing an electrochemical plug-in sensor. This electrochemical sensor model is recommended for facility monitoring.

For more information on the MSA Z Gard Gas Monitoring Products or to request bulletins, dial 1-800-MSA-4678, or contact your nearest MSA sales representative. To learn about MSA and our other high quality products, visit our web site at:

[www.MSAgasdetection.com](http://www.MSAgasdetection.com)

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