

New Product Announcement
from the MSA Instrument Division
MSA (Mine Safety Appliances Company), Pittsburgh, Pa.



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For Immediate Release

MSA Announces Z Gard™ DS Sensor
for Economical and Reliable CO and NO₂ Detection

Z Gard DS Sensors are the latest product offering from the MSA Instrument Division. Designed to detect the presence of carbon monoxide and nitrogen dioxide gases in a variety of applications including parking garages and vehicle storage areas, Z Gard DS Sensors offer the perfect blend of cost-effectiveness and high-performance.

The Z Gard DS Sensor features electrochemical sensors and is available with two output options: an addressable RS-485 digital signal, or separate 4-20mA analog outputs. The Z Gard DS Sensor with RS-485 digital output is specifically designed to operate as a system with any Z Gard C 485 Controller. The sensor with 4-20mA outputs can be installed as a stand-alone sensor typically integrated with the Z Gard C Controller or common commercial equipment including PLC, DCS or building automation systems.

A plastic NEMA 4X enclosure houses the Z Gard DS Sensor. The unit has separate field-replaceable electrochemical sensors for carbon monoxide and nitrogen dioxide. Sensor status is shown by the green OK LEDs, which indicate that the device is

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operating properly. Z Gard DS Sensors also feature jumpers that drive the output to percentages of full-scale. This feature is useful for testing remote devices, which may be connected to the sensor output.

For more information on the **Z Gard DS Sensor** request literature # 07-2117 by visiting www.MSAliterature.com, or contacting your nearest MSA sales representative. To learn about MSA and our other high-quality products, call 1-800-MSA-4678 or visit our web site at:

www.MSAgasdetection.com

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