



VENDOR MANAGED GAS

The 1st Affordable Cylinder Gas Telemetry System

VMG SENSOR System Descriptions

Bulk Tank Levels – The VMG SENSOR connects to a VMG pressure differential block to read the liquid level. This will provide bulk tank percentage full reading.

Tank-Tel or Cyl-Tel Interceptor – VMG SENSOR intercepts the existing Tank-Tel or Cyl-Tel pressure differential block reading. This requires a specific interceptor wiring harness.

DataOnline Interceptor – VMG SENSOR intercepts the existing DataOnline pressure differential block reading. This requires a specific interceptor wiring harness for DataOnline devices.

Micro Bulk Tank Levels – VMG SENSOR monitors micro bulk tank levels through a VMG pressure differential block, Tank-Tel or DataOnline unit. VMG SENSOR can also monitor microbulk levels using a C-Stic to provide a percentage full reading.

Liquid Cylinder Tank Levels – VMG SENSOR will monitor liquid tank levels using a C-Stic to provide a percentage full reading (+-2%).

High Pressure Cylinder Levels – VMG SENSOR connected to a transducer can provide PSI readings and ambient temperature for high pressure cylinders.

Beverage Tank Levels - VMG SENSOR will monitor liquid tank levels using a C-Stic or a pressure differential block to provide a percentage full reading.

Line Pressures at Final Line Assembly – VMG SENSOR connected to a lower pressure transducer can provide PSI readings at use points to assure appropriate pressure. We offer a 0-300 PSI or 0-500 PSI transducer for this application.

Bulk Tank Head Pressures – VMG SENSOR with a transducer can be connected to the vapor phase line of the bulk tank to provide the gaseous bulk tank head pressure.

Micro-Bulk Tank Head Pressures - VMG SENSOR with a transducer can be connected to the vapor phase line of the Micro-Bulk tank to provide the gaseous Micro-Bulk tank head pressure.

Emergency Standby Levels – VMG SENSOR can be utilized in emergency backup applications. The VMG SENSOR system will monitor the backup tank(s) to ensure that the system will be ready if needed.

Emergency Standby Line Pressures – VMG SENSOR connected to a lower pressure transducer can provide PSI readings for the standby system to assure appropriate pressure. We offer a 0-300 PSI or 0-500 PSI transducer for this application.

Beverage System Pressures – Actual line pressure of beverage systems can be monitored using the VMG SENSOR and low pressure transducer. This is to ensure there is proper pressure available for the beverage system.

Regulator Line Pressures – VMG SENSOR with the lower pressure transducer can provide pressure readings post regulator to ensure pressure is stepped down properly.

Regulator Output Pressure – A VMG sensor can be attached to both the high pressure and low pressure ports on a regulator to monitor the pressure in the cylinder plus the pressure being delivered from the regulator.

Ambient Temperature Levels – Our VMG SENSOR provides the ambient temperature reading.

GPS Stationary – have the ability to know where your tube trailer or bulk tank is located.

GPS Mobile – locate the area your multiple cylinders are at a customer's location.

Sensor – Receives a signal from a compatible measurement device on the gas storage cylinder and transmits that information to the collector via RF (radio frequency).

Collector – Aggregates signals from 100+ sensors within a 300ft radius and transmits data to the cloud.

Cloud – Information from the collectors are sent to our cloud and then to our dashboard for the users to view.

Dashboard & Analytics – The data collected through VMG can provide usage trends, machine up/downtimes, and other useful information.