

# MSA Fixed Gas & Flame Detection for Four-Gas Wet Well Monitoring



*This MSA custom system provides continuous monitoring and display of four-gas concentrations: oxygen, hydrogen sulfide, carbon monoxide, and combustible gas for wet well applications.*



## System Contents

- MSA Ultima® X Sensors for O<sub>2</sub>, CO, H<sub>2</sub>S, and combustible gas detection provide over-range protection, local display, automatic adjustments for calibration, date of last calibration, and over-LEL protection
- Internal DC sample pump offers built-in flow sensor, fault indicator, fault relay, and sample draw capability up to 100 feet
- Two common alarm relays, single pole—single throw and one trouble relay, single pole—double throw
- NEMA 4X stainless steel enclosure
- AC to DC power supply
- Flashback arrestor for LEL sensor
- Designed to meet NFPA 820 standards

## Applications

The MSA Four-Gas Detection Sample Flow System is a stand-alone system featuring four MSA Ultima X Sensors, a pump and internal relays, all mounted within a single NEMA 4X stainless steel enclosure.

The system is calibrated by applying gas to the sensors via a three-way pushbutton located on the outside of the enclosure. Calibration is initiated by using an infrared calibration unit that transmits the signal through the face of the enclosure.

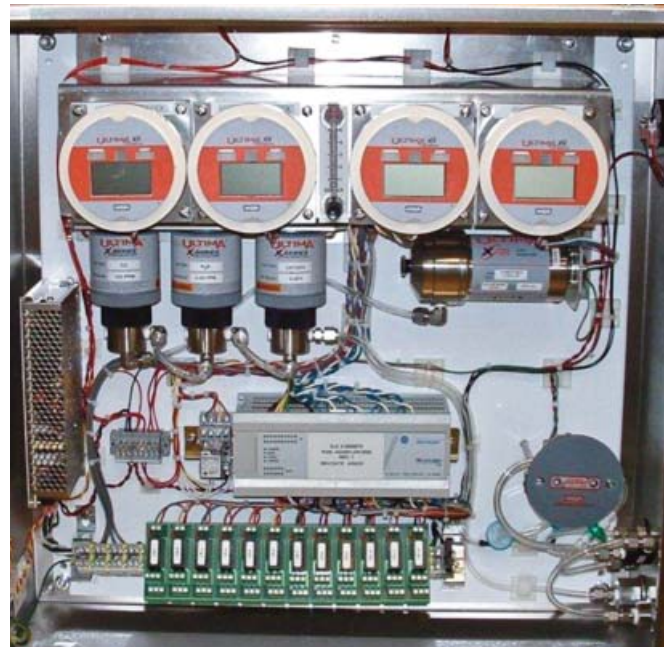
*Because every life has a **purpose...***

## Optional Accessories

- Combustible gas detection using a point IR sensor for LEL levels
- Unit-mounted red strobe
- Unit-mounted red and yellow strobe
- Federal horn with silence push button
- Heated enclosure

## Specifications

<b>POWER SUPPLY</b>	120 VAC
<b>SIGNAL OUTPUT</b>	4-20 mA optional Modbus RTU
<b>RELAY CONTACTS</b>	5 amps @ 120 VAC/30 VDC non-inductive
<b>ENCLOSURE</b>	NEMA 4X design fiberglass
<b>DIMENSIONS</b>	24" W x 24" H x 8" D (609.6 x 609.6 x 203.2 mm)
<b>CONROLLER</b>	Micrologic controller provides common relays when required.



*Note: This is a representative description of this product and its potential applications. Contact your local MSA representative for information concerning customizing this unit to fit a specific need.*

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



**ID 07-2061-MC / September 2013**  
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