



MSA Gas Detection System [for Acetylene Leak Detection]

Application

This custom system is designed for leak detection in acetylene production plants.

Product Description

Catalytic-type sensors have a short service life because soot forms on the element and the flashback arrestor. Since the IR technology used in the Ultima® XIR Gas Monitor does not consume the sample, there are no combustion byproducts to foul the sensor components.

The Ultima XIR Monitor is a micro-processor-based, infrared point gas detector. The unit features a 316 stainless steel explosion-proof, multiple-entry mounting enclosure, LCD display with scrolling messaging, single-board design for high reliability and easy, no-tool servicing. Designed without a sintered disk, it performs optimally in virtually any environment. Immune to poisoning, it operates in both high-gas and low-oxygen environments.

For more information on the standard Ultima XIR Gas Monitor see data sheet #07-2054.

Note: This is a representative description of this product and its potential applications. Contact MSA Custom Products at customproducts@MSAnet.com for information on customizing this unit to fit a specific need.



Specifications

Temperature Range:	-40°C to +60°C (-40°F to +140°F)
Power Input:	7-30VDC @ 750mA maximum
Signal Output:	4-20mA 3-wire current source
Relay Contact Rating:	5amp @ 230VAC; 5amp @ 30VDC
Enclosure:	316 stainless steel
Approvals:	UL 1203 Class 1, Div 1, Groups A,B,C&D CSA C22.2-30 Class 1, Div 1, Groups A,B,C&D CE Low Voltage Directive: 73/23/EEC CE EMC Directive: 89/336/EEC CE ATEX Directive: 94/9/EC II 2G EEx d IIc T5 (Tamb -40°C to +60°C)

Note: This Data Sheet contains only a general description of the product shown. While uses and performance capabilities are described, under no circumstances should the product be used except by qualified, trained personnel, and not until the instructions, labels or other literature accompanying the product have been carefully read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning this product.

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