



## **M.P. Electronics announces its latest product offering in the newly revised Intrinsically Safe Duplex Controller**

January 6, 2011 — M.P. Electronics announces its latest product offering in the newly revised Intrinsically Safe Duplex (ISD) Controller. The ISD Controller has been evaluated and tested to the latest UL913, Version 7 standard for Intrinsic Safety.

We have added a number of features over the previous design, while allowing for the same fit and mounting dimensions. The ISD Controller is now SCADA-Ready and comes standard with a Modbus RS232 Serial Port, as well as an optional Ethernet Port for Modbus TCP/IP communication.

This Controller now interfaces with the M.P. Electronics line of Conductance Level Probes as well as floats for input level measurement. An indicator and output relay has been added for the Low Level Alarm function. The ISD Controller is available in three mounting styles; the Panel Mount version is shown here, and Din-Rail Mount and Surface Mount options are available as well.



*Intrinsically Safe Duplex (ISD) Controller*

The ISD Controller now has a much improved Push-to-Test feature. Pushing and holding the Push-to-Test button energizes the inputs and outputs in a sequential fashion. Another improved feature for the ISD Controller is the Out-of-Sequence indication which indicates that either a Float or Level Probe input has closed out of sequence. Depressing the Alarm Reset / Push-to-Test pushbutton will turn off this latched condition.

The ISD Controller has been designed to be transient tough and will prove to be a reliable, powerful, and economic solution for duplex lift station control applications.

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