

TwoView® Sensor & Bubbler System

A Dual Pump Controller with a High and Low Alarm Control in a 16x20x8" NEMA4 Metal or Fiberglass Enclosure

Sensor Input: Isolated input accepts 4-20 mA signal and allows remote data collection. Loop power up to 30 VDC for 2 wire

Input Power: 120 VAC or 24VDC unregulated (upon ordering, not field selectable)

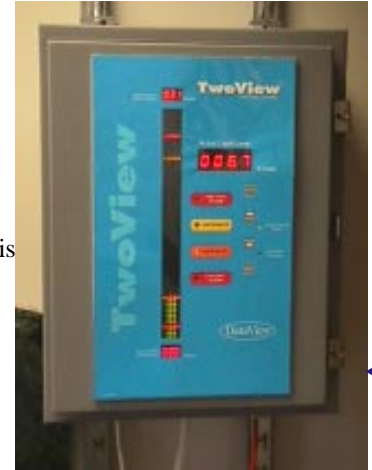
Security Levels: 3 levels of access protect data changes with DIP switch on back

Control Circuits: Four Form 'C' relays, 10.0 amp 125 VAC (noninductive). Each pump range is a differential using one Form 'C' relay per pump. High and Low Alarms.

Programmed Memory: EEPROM-Loss of power will not affect existing programmed data

Mounting Format: Flush mounted anodized steel enclosure with eight (8) 10/32 studs and sealing gasket, NEMA 4 Lexan Graphic Front panel. Steel back pan houses the circuit board making it finger safe.

Overall Dimensions: Tall: 16.75" (425mm), Wide: 10.25" (250mm), Deep: 2.25" (57mm), Weight: 10 lbs.



TwoView® Bubbler Sensor System

The bubbler system is ideal for materials that are difficult to manage because of temperature, chemical makeup and slurry installations. The concept that is being used in a bubbler is to provide a bubbler tube of air in the tank and measure the back pressure exerted on it by the height of the liquid. The back pressure in the bubbler tube changes with level variations and is being converted to a 4-20mA signal that is received by TwoView®. The bubbler tube is made of a material that is compatible with the liquid and is typically 1/2" to 2" ID.



TwoView® Pressure Sensor System (with Submersible Pressure Transducer)

This system has the same TwoView® specifications as listed above except the bubbler is replaced by a pressure transducer which provides a 4-20mA signal to the controller. The isolated sensor input allows for networking to other devices. The sensor has a unique Birdcage® Protector to prevent clogging and damage. All parts are stainless steel. The very large surface of the welded diaphragm will insure heightened sensitivity to the ambient pressure, whether the transducer is buried in the sludge at the bottom of a wet well or obstructed in any way.



TwoView® Pressure Sensor System (with Endress & Hauser PMC 131 Sensor)

This system has the same specifications as listed above except the bubbler is replaced by a Endress & Hauser PMC 131 pressure transducer with a 1/2" NPT which provides a 4-20mA signal to the controller. The isolated sensor input allows for networking to other devices.

