

2Point® Level Controller

2Point provides, at a glance, a picture of the actual level and the control set points on your equipment. It accepts any type of 4-20mA process sensor for tremendous design and control flexibility. 2Point is the only controller that allows you to zoom in on the critical cross section of your tank or HVAC equipment and display it on the vertical bar in relation to the set points. It is not the typical 0-100% vertical bar. A five digit model is available so gallons, pounds or bushels can be displayed.

Typical applications include liquid levels, HVAC filter media, storage silos, underground tanks, variable speed drives, analog valves and all types of transfer tank applications. DistaView also produces a self contained, stand alone bubbler that provides a 4-20mA signal into 2Point for control of slurry, caustic, high temperature, foaming and very shallow level applications.



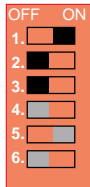
For example, you can use 2Point to control a fill or empty tanks along with a high or low alarm depending on which level is critical to protect. The fill/empty pump range is "latched" internally eliminating additional relays or latching circuits. You can also have an independent high and low control point or even two highs or two low. A DIP switch allows you to configure all these control formats. Three levels of security prevents unauthorized programming changes.

The sensor input is isolated so you can include data loggers and other devices in the control network. Loop power is also available to the sensor if required. 2Point is reliable, flexible, very easy to set up and more importantly provides you all the information at a glance. DistaView believes the solution to level control is easy to see.

Programming Security Levels

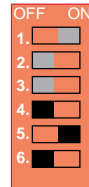
DIP 1 enables programming changes. DIP 2 and 3 determine the functions available when DIP 1 is ON.

NOTE: The relay set points are always available when DIP 1 is ON regardless of DIP 2 and 3 positions.



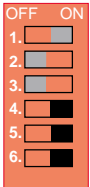
DIP 2 controls - Sensor Range & Offset
OFF- includes sensor range and offset
ON- skips over sensor range and offset

DIP 3 controls - Cross section/Zoom display.
OFF - includes setting up the Cross section/Zoom display bar
ON - skips over setting up the Cross section/Zoom display Bar



High And Low Alarm or Pump On/ Off

The High Alarm activates upon the level rising and the Low Alarm activates upon the level falling. Each alarm activates an independent relay.



Empty the tank and a High Alarm

(Sump Applications)

Pump will turn ON when the liquid level reaches the highest level programmed in the pump range and will turn OFF when the liquid level falls to the lowest level programmed in the pump range. The high alarm is active when liquid rises past it.



Empty the tank and a Low Alarm

(Sump Applications)

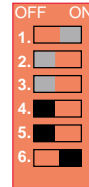
Pump will turn ON when the liquid level reaches the highest level programmed in the pump range and will turn OFF when the liquid level falls to the lowest level programmed in the pump range. The high alarm is active when liquid rises past it.



Fill the tank and a High Alarm

(Make-up Applications)

Pump will turn on when level falls past the lowest level programmed as the pump range and will turn off as the level reaches the highest level in the range. The high alarm is active when the level rises past it.



Fill Tank And Low Alarm

(Make-up Applications)

Pump will turn on when level falls past the lowest level programmed as the pump range and will turn off as the level reaches the highest level in the range. The low alarm is active when the level falls past it.



2 High Alarms

Typically a High and an Emergency High Alarm. Both alarms will be activated upon rising levels, each activating an independent relay



2 Low Alarms

Typically a Low and an Emergency Low Alarm. Both alarms will be activated upon falling levels, each activating an independent relay

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