

## Hawk h₂oP™

## 6-Point liquid level controller

## **FEATURES:**

Microprocessor controlled (set points will not drift)

State-of-the-art technology

Adjust without tools

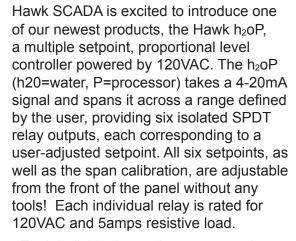
Easy Simulate Function

Onboard SCADA Monitoring and Control

<u>Options</u>: Remote Alarms

All parameters can be remotely read and configured

Modem-ready



Each individual setpoint output can be configured as rising or falling (i.e. -- does this output need to be ON when the level is above or below the setpoint). This makes the unit capable of running a drain or a fill process such as: Wastewater: configure it to drain a wetwell; Groundwater: configure it to fill a tank.

Changing a setpoint is as easy as pressing and holding the setpoint button of interest, then using the up/down switch to make adjustments. Changing the span's zero and fullscale calibrations are done with the same method (although the zero and fullscale buttons are countersunk below the panel so that accidental adjustment does not occur. The user must use something small to press the span adjustment buttons).

When not using the up/down for setpoint adjustments, the up/down can be used to manually simulate a level in order to test setpoint functionality. After 10 seconds of simulation inactivity, the unit will automatically revert back to live level



control. This ensures the unit cannot be accidentally left in a "test mode."

Communications port with RS-485 Modbus protocol:

- a. All parameters can be remotely read and configured via Modbus protocol.
- b. Allows remote level reading, alarming, and setpoint adjustment when connected to a SCADA system. With the addition of a Hawk SCADA cellular device, such as the RedHawk™, this can instantly become a simple monitoring and control device with data trending and alarming capabilities.

The 4-20mA loop can be powered by the h₂oP to eliminate the need for an external power supply. One 4-20mA output is available that mirrors the 4-20mA input. This can be used to integrate other equipment into the control process.

