

VARIABLE SPEED PUMP CONTROLLER



The Sencillo™ Controller is a state-of-the-art UL508A listed Industrial Control Panel designed specifically for variable speed fluid pumping control.

It is optimized for the variable speed sequencing of pumps, with automatic control to maintain a set point (level, pressure, differential pressure, temperature).

What makes the Sencillo controller so unique are the setup and monitoring screens. The screen designs make it amazingly simple to set up all parameters of variable speed operation without the need to make adjustments to the drives themselves. A unique sequencing graphics display shows users exactly when "add" and "shed" values are occurring for each pump (simplex through quadraplex) and in a smart way. The user can then monitor operations during startup to insure the system is uniquely tuned to maintain the setpoint.

All Sencillo Controllers feature the following control systems:



A logic scheme that controls the pumping system immediately after a power failure, to automatically manage the pump startup sequence in a smart and measured way. Prevents common issues that occur immediately after power is restored to a building and the pumping system attempts to recover, such as pressure spikes, power over-amping, vibration, and pump damage.



A proactive controller monitoring system built into the control scheme. Sensoguard™ constantly checks status on all major components, and reports general system health. It gives immediate feedback on any trouble spots or failures, to quickly and effectively warn the owner of potential issues.



STANDARD FEATURES

- 7" Color Touch Screen HMI
- Thru-the-Door Disconnect Switch
- PLC with Logic Software
- Single-Point Power Connection
- SensoGuard™
- Smart Power Recovery™
- Backup and Redundancy Logic
- Alarm log and History of Pressure vs. Time
- Spare Parts Screen
- Maintenance Reminders
- Control Circuit Protection
- "Touch Safe" Design
- Power Quality Monitor (phase loss, under-voltage, overvoltage, imbalanced voltage)



OPTIONS AVAILABLE

- Higher Enclosure NEMA rating
- Deadfront doors
- Drive Bypass Packages
- Communications Modules (Bacnet)
- Dual Pressure Transducer with Auto Switchover/Alarm
- Remote Control and Monitoring from any Wi-Fi Smart Device
- Line Reactors