



PHYSICAL

- 20" x 24" x 8" (W x H x D)
- Fiberglass Enclosure
- NEMA 4, 4x, and 12 Rated Outdoor Enclosure
- UL508A Rated Panel
- Temperature Rating: -20°C to +50°C

ELECTRICAL

- Power Consumption: 3A
- Input Power: 120VAC
- Digital Inputs: 24V Source
- Digital Outputs: Dry Contact
- Analog Inputs: 24V Source (4-20mA)

COMMUNICATIONS

- Cellular Communication for Cloud Based Monitoring and Control
- Supports Modbus, USS, DF1, and Ethernet/IP for Communications with VFD's
- Integrates with Existing SCADA Systems Using Modbus RTU

PLATFORM

- Operate Pumps within their Preferred Operating Ranges
- Run the Optimal Combination of Pumps and Speeds
- Rapid Commissioning from Mobile Devices
- Remote Monitoring and Configuration
- Accurate Inflow and Outflow
- Flexible Data Exportation
- Ties Into Existing SCADA Systems

MAINTENANCE

- Track Pump Health
- Scheduled Pump Snoring
- Scheduled Force Main Scouring
- Net Present Value of Repairs
- Track Inflow & Infiltration
- Automatically Clear Pump Clogs
- Float Testing

INTERNAL I/O

- HOA Status (Per Pump)
- Power Status (Power Loss Monitoring with Alarming)

FIELD I/O

- High Float
- Low Float
- Wet Well Level
- Discharge Pressure
- Pump Current (per pump)
- Seal Fail (per pump) - optional
- Thermal Overload (per pump) - optional
- Generator Status - optional
- Phase Fault - optional
- Flow Meter (pulse or analog) - optional

INCLUDED EQUIPMENT

- 1 Weighted Wet Level Sensor (0-25psi, 50' Cable)
- 2 Mercury Float Switches (N/O, 50' Cable)
- 1 Discharge Pressure Sensor (0-200psi, 1/2" NPT)
- 3 Current Transmitters (0-200A)

ALARMS

- Fully Configurable Alarm System
- Text Message Alarms

REPORTS

- Monthly Pump Report Cards
- Maintenance Reports
- Planning Reports



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