

Revolutionary Technological Breakthrough

Intelli-Pump



**Duplex Electronic
Mechanical Alternator
Pump Controller**



**Duplex Electronic
Float Switch Alternating
Pump Controller**



**Constant Speed Duplex
Booster Pump
Controller**



UL Recognized Component
Patent No. 6,322,325
Patent Pending

**Smart pump technology
...designed around YOUR needs**

Intelli-Pump

Duplex Electronic Float Switch Alternating Pump Controller

Features

- Utilizes microprocessor technology
- Alternates two pumps
- Provides start delays to eliminate premature or simultaneous start-ups due to turbulence or power outage
- Detects high level conditions
- Generates alarms
- Self-diagnostic operation recognizes inoperable float switches and pumps then compensates for them to ensure continued reliable operation
- Fault code message informs user of problem for ease of trouble-shooting system
- Built-in high level alarm light flasher
- On-board float switch status indicators (up to four floats)
- Low voltage, 24VAC float control circuits
- Separate fuses for each contactor circuit and alarm circuit
- High power UL B300 rated pilot circuits capable of 3600VA inrush and a sealed rating of 360VA
- Integrated transient protection and on-board pilot contact protection circuits
- High quality pluggable terminal blocks ease wiring and maintenance
- Operates with any submersible pump



Available Options

- Remote front panel HOAs and silence switches
- Front panel indicator lights for pump run, pump fail and seal fail
- Separate dry contacts for high level alarm, individual pump fails and each seal fail condition for use with additional monitoring and control equipment
- Available pump fail circuitry to allow verification of pump operation with the use of a check valve limit switch or auxiliary starter contact
- Built-in dual seal fail circuits with UL Class 2 AC sensing voltage compatible with single probe, dual probe and dual probe with resistor configurations
- 120 or 24 VAC input versions available
- Selectable pump sequence

Intelli-Pump

Duplex Electronic Mechanical Alternator Pump Controller

Features

- Utilizes microprocessor technology
- Alternates two pumps
- Provides start delays to eliminate premature or simultaneous start-ups due to turbulence or power outage
- Detects high-level conditions
- Generates alarms
- Self-diagnostic operation recognizes inoperable switches and pumps then compensates for them to ensure continued reliable operation
- Fault code message informs user of problem for ease of trouble-shooting system
- Built-in high level alarm light flasher
- On-board float switch status indicators
- Low voltage 24 VAC level switch control circuits
- Separate fuses for each contactor circuit and alarm circuit
- High power UL B300 rated pilot circuits capable of 3600VA inrush and a sealed rating of 360VA
- Integrated transient protection and on-board pilot contact protection circuits
- High quality pluggable terminal blocks ease wiring and maintenance
- Operates with any submersible pump

Available Options

- Remote front panel HOAs and silence switches
- Front panel indicator lights for pump run, pump fail and seal fail
- Separate dry contacts for high level alarm, individual pump fails and each seal fail condition for use with additional monitoring and control equipment
- Available pump fail circuitry to allow verification of pump operation with the use of a check valve limit switch or auxiliary starter contact
- Built-in dual seal fail module with UL Class 2 AC sensing voltage compatible with single probe, dual probe and dual probe with resistor configuration
- Available with selectable pump sequence
- 120 or 24 VAC input version available



Intelli-Pump

Constant Speed Booster Pump Controller

Features

- Utilizes microprocessor technology
- Alternates two pumps
- Provides start delays to eliminate premature start-ups due to turbulence
- Detects low suction conditions
- Generates alarms
- Self-diagnostic operation recognizes inoperable pressure switches and pumps then compensates for them to ensure continued reliable operation
- Fault code message informs user of problem for ease of trouble-shooting system
- Built-in low suction alarm light flasher
- On-board pressure switch status indicators
- 120 or 24 VAC pressure switch control voltage
- Separate fuses for each contactor circuit and alarm circuit
- High Power UL B300 rated pilot circuits capable of 3600VA inrush and a sealed rating of 360VA
- Integrated transient protection and on-board pilot contact protection circuits
- High quality pluggable terminal blocks ease wiring and maintenance
- Operates with any duplex booster pump system

Available Options

- Remote front panel HOAs and silence switches
- Front panel indicator lights for pump run and pump fail
- Separate dry contacts for alarm and individual pump fails for use with additional monitoring and control equipment
- Available pump fail circuitry to allow verification of pump operation with the use of an auxiliary starter contact
- Available with selectable pump sequence
- 120 or 24 VAC input version available
- Automated purge valve alarm circuitry



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