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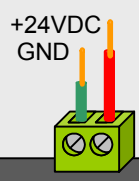
Configurable Lift Station Controller

LSC-521

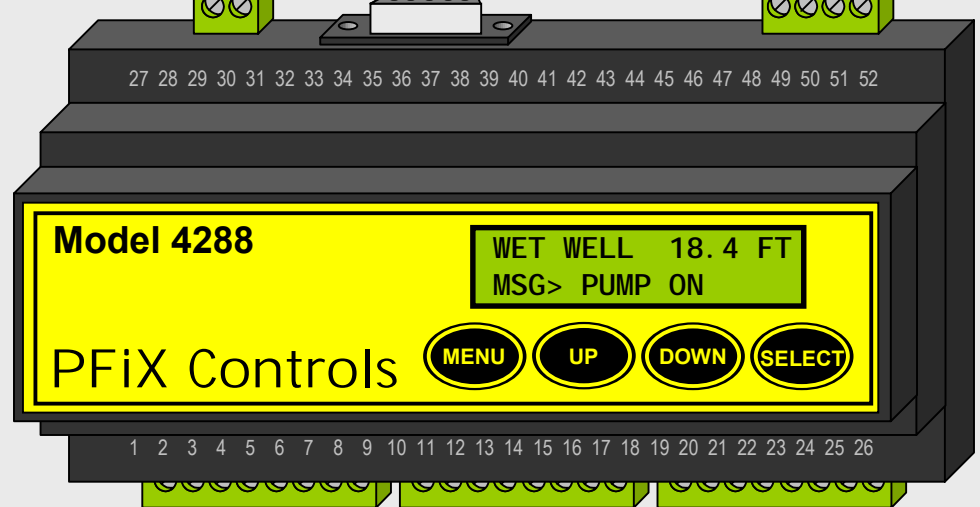
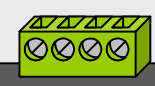
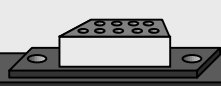
Standard Features

Custom Features Available upon Request

Power Supply:
+24VDC @ 2 – 4 Amps
Depending on load of external I/O devices



Serial Communications:
RS-232-C Compatible



Digital Inputs:
Activate by switching to GND
Internal pull-up to +5VDC

- 1 Low-Low Float
- 2 Stop Float
- 3 Lead Float
- 4 Lag Float
- 5 High-High Float
- 6 Pump 1 Fault In
- 7 Pump 2 Fault In
- 8
- 9
- 10
- 11 Pump 1 Control
- 12 Pump 2 Control
- 13
- 14
- 15 Pump 1 Alarm
- 16 Pump 2 Alarm
- 17 Float Fault Alarm
- 18 High Float Alarm
- 19
- 20 +24VDC Loop Power
- 21 Wet Well Depth
- 22
- 23
- 24
- 25
- 26

Analog Inputs:
4mA – 20mA

Digital Outputs:
+24VDC @ 250mA
Switches to GND

- ### LSC-521 Standard Features
- Monitors wet well level using one of three menu-selectable methods:
 1. Low maintenance pressure transducer at bottom of wet well or ultra-sonic transducer mounted at top of wet well.
 2. Bubbler system with tubing anchored to wall of wet well and air pump in cabinet.
 3. Standard float switches, Low-Low, Stop, Start, Optional Start Lag, and High-High.
 - Controls up to two pumps by comparing wet well level with pump start / stop levels.
 - High-high wet well float interlocked with motor starter relay for fail-safe operation.
 - Additional features when using pressure transmitter system; fully scalable level span, selectable pump(s)-stop level, and selectable pump-start(Lead / Lag) level.
 - Maintains pump starts and runtimes. Allows resetting of individual pump values.
 - Provides alarming on physical pump failures such as seal failure.
 - 24 volt operation. Interfaces with external equipment through UL listed relays.
 - User configurable via easy-to-use menu setup screens -- no need for a setup computer.