



(205) 533-0571
www.pfixcontrols.com

Autonomous Pump Controller

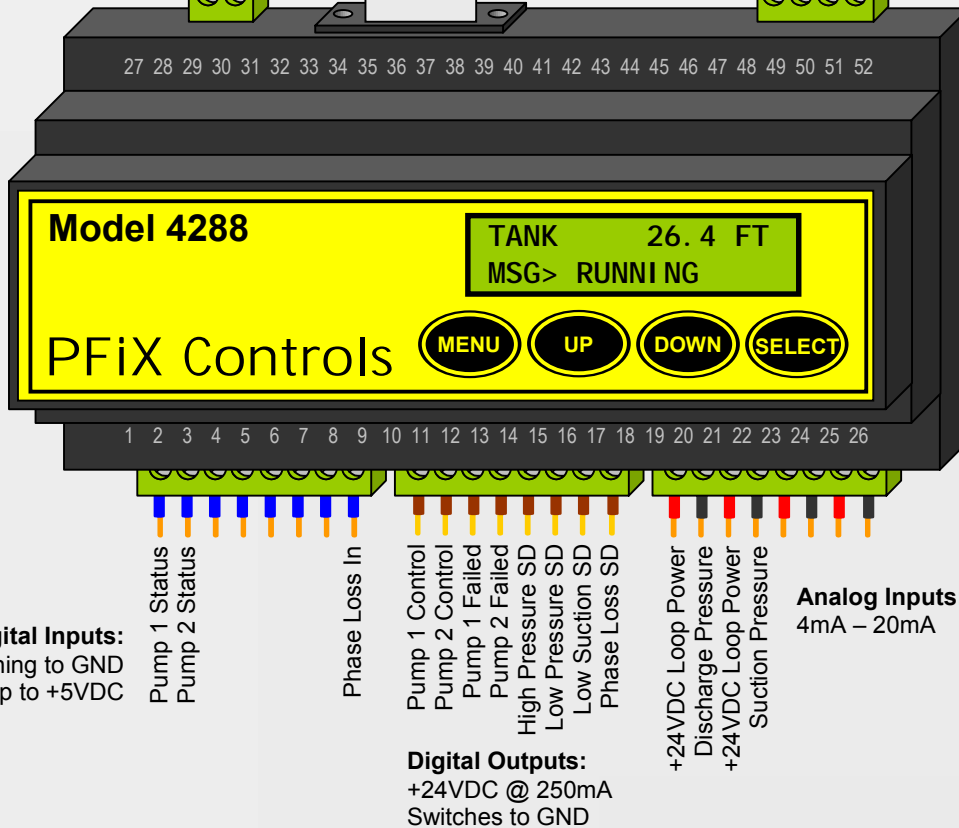
Standard Features

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

Analog Inputs:
4mA – 20mA

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

APC-38 Standard Features

Uses *Dynamic Pressure Stabilization™* and *Transient Pressure Integration™* to monitor system pressure and control the pumps at a pump station. No equipment needed at the tank. Controls pumps by comparing system pressure with pump start / stop pressure settings.

The following lists the menu selectable options available from the display and keypad:

- Pressure transmitter range (5.0 PSI up to 500.0 PSI)
- Display either system pressure in PSI or tank level in feet
- Pump-start / pump-stop pressure settings with time delays
- Dynamic pressure offsets for each pump
- Pump-start / pump-stop control lockout time delay
- Pump alternation and pump sequencing in two pump systems
- Pump failed-to-start alarm output
- High and low discharge pressure shutdown and alarm output
- Low-suction pressure shutdown and alarm output
- Connect phase-loss input with system shutdown and alarm output
- Connect alarm outputs to an optional automatic alarm telephone dialer or telemetry system
- Easy-to-use, menu-driven setup screens -- no need for a setup computer