

# PC-3000X

## ONE, TWO OR THREE PUMP CONTROLLER



### OVERVIEW

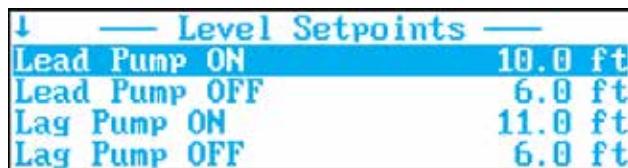
The PC-3000X is a controller designed to operate up to 3 pumps in pump-up or pump-down applications. The controller sequences pumps on and off in response to a change in level input. When used to control the level in a tank, the input is connected to a 4-20mA sensor. A rotary selector wheel is included along with back and escape push buttons for intuitive menu navigation and quick setting adjustments. A 2.7" blue OLED 64 x 256 pixel display provides easy to read level readout and fault annunciation.

### FEATURES

- Configurable with no programming software required
- Red LED indicates an active alarm
- Green LEDs indicate pumps required
- Multiple alternation configurations
- Bar graph shows level on display screen
- Constant or variable speed control
- User selectable level units
- I/O status screen to aid system troubleshooting



Main Display Screen



Sample Menu Screen

### SPECIFICATIONS

#### Pump Control and Monitoring:

- Automatic pump alternation: Simplex, Duplex or Triplex
- Pump over temperature monitoring
- Pump seal fail monitoring
- Pump run monitoring
- Pump fail to start monitoring
- Low level and high level alarms

#### System:

- Pump cycle counter
- Pump elapsed time meters
- Alarm counts
- Level simulation mode

#### Electrical:

- 24 VDC supply power (19-28 VDC, 325 mA max)
- 6 Relay outputs (120 VAC, 3 A max)
- 4-20mA analog level input
- 4-20 mA scalable analog level output
- Optional battery backup
- 11 Digital Inputs (12 VDC, 16mA each)

#### Mechanical:

- Overall dimensions: 7.2" x 5.3" x 2.0"
- Screen dimensions: 2.7" diagonal
- Panel Mount with 4 mounting holes
- Removable terminal blocks
- Fits legacy PC-3000 installations



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