Pribusin Inc.

Manufacturers of Process Controls and Instrumentation

Model: PCS-400-XX

Programmable Pump Controller

Standard Features:

Controls up to 4 Pumps

Sequential or Alternating Mode of Operation

Industry Standard Input & Output

4 Digit LED Input Level Display (Scalable)

4 'C' Relay Contacts for Pump Control

1 Analog Re-transmit Output

Auxiliary Alarm Level with Contact & Horn

Pump On & Off Delays

Fully Programmable via Keypad

No Calibration Required

Microprocessor Controlled for High Accuracy

Power: 117 VAC 50/60 Hz (Optional 24 VDC)

High Noise Rejection

CSA and NRTL Approved (LR51078)

Function:

The PCS-400 is a universal pump controller that can control up to 4 pumps. It has a single analog input that can be connected to a field transmitter either as a 2-wire or 3-wire input. The 4 digit LED display is scalable to any range from 0000-9999 (plus decimal point).

Pumps can be configured to operate on a rising input signal (e.g. to drain a well) or on a falling input signal (e.g. to fill a tank). Each pump has its own programmable start and stop level as well as a start and stop delay.

The PCS-400 can operate pumps in a sequential mode where pump no.1 is always the first pump to start or in an alternating mode where the start pump is different for every cycle.

An auxiliary alarm level with its own contact output and horn is also available. A signal re-transmit output provides a process signal for further use.

Specifications:

Accuracy: +/- 0.1% typ., +/-0.2% max.
Operating Temperature: -4°F to +140°F (-20°C to +60°C)
Relay Contacts: 10A 1/8Hp @ 125VAC
6A 1/8Hp @ 277VAC
Power: 117 VAC, 60/50 Hz, 24VDC Available
Enclosure: NEMA4X

Model Designation:

PCS-400-XX

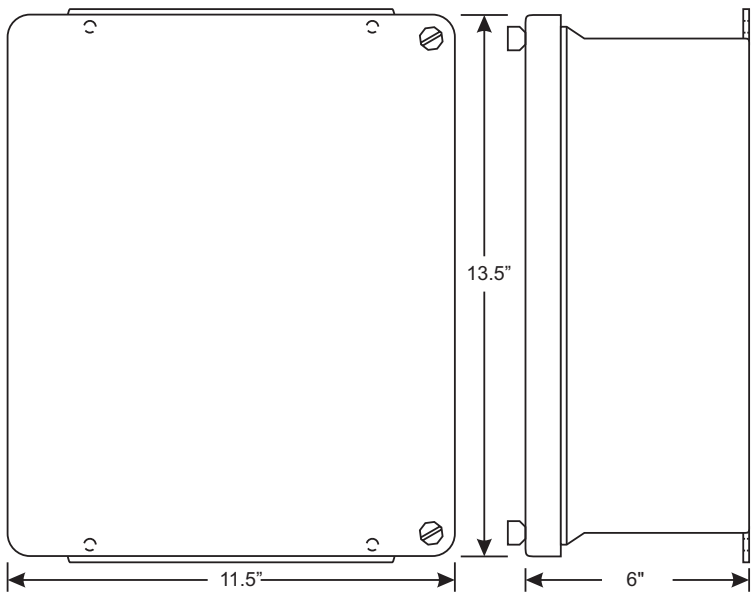
Input	Output
2: 4-20 mA(Zin=250 Ohm)	2: 4-20 mA (750 Ohm Drive)
5: 1-5 VDC (Zin=1Meg Ohm)	5: 1-5 VDC (Zout=250 Ohm)
6: 0-10 VDC (Zin=1Meg Ohm)	6: 0-10 VDC (Zout=500 Ohm)
7: Special Input	7: Special Output

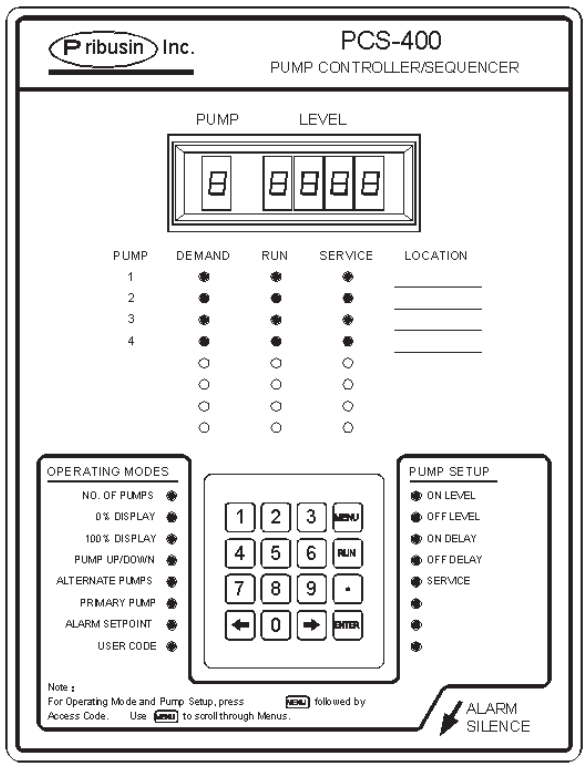
Options:

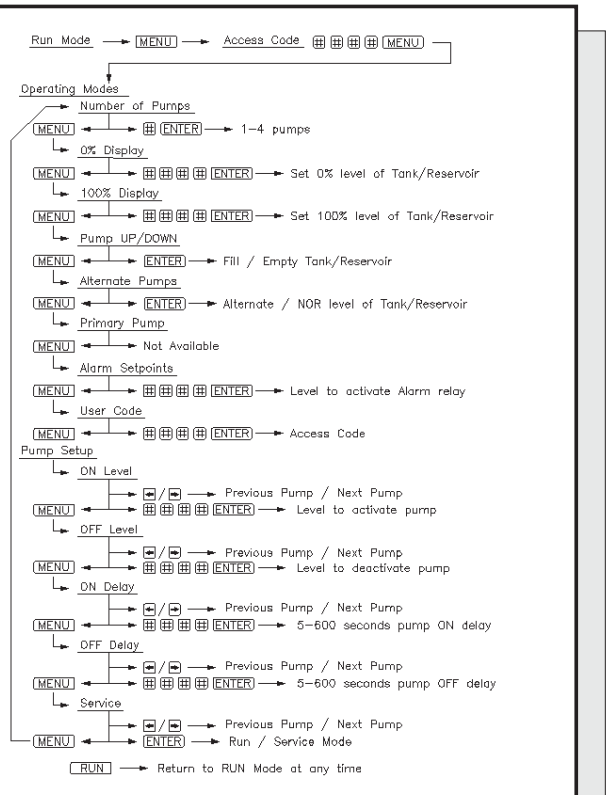
- A: 24VDC Power
- B: 240VAC Power

PCS-400

Enclosures & Dimensions:







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