PULSAFEEDER®

The Pulsatron 1" Inline Meter Control Assembly uses a standard Hall Effect water meter to accurately measure flow.
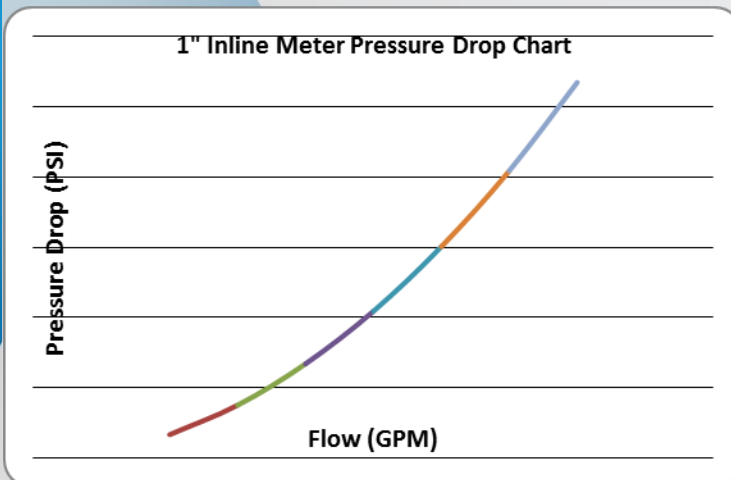
Features

- Displayed real time flow rate, GPM
- Total accumulated flow, Gallons
- Records peak flow, GPM Peak
- Adjustable threshold gallons prompt
- 80% Threshold Amber Light
- 90% Threshold Red Light
- 100% Threshold flashing Red Light
- 100% Threshold Audible alarm
- 100% Threshold 12 VAC Output
- Set Volume/Set Time 12 VAC Output
- Flow Switch 12 VAC Output
- Adjustable 4-20 mA output flow rate signal
- 66 Pulses per Gallon
- 0.5-40 GPM +/- 5%
- 1" High Flow Turbine Meter

Operating Benefits

- Power On Green Light
- Multiple Quick Connect Fittings
- Glass Reinforced Polymer Housing
- Easy Touch Programming

Pressure Drop Graph

1" Inline Meter Pressure Drop Chart

Aftermarket

- Water Meters
- Gauges
- Dampeners
- Pressure Relief Valves
- KOPkits
- Tanks
- Pre-Engineered Systems

PULSAtron® 1" Inline Meter Control Assembly

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Engineering Data

Pressure limit: 110 psi
Temperature: 110^0 F
Material Of Construction: Glass-Filled Noryl

Instructions

The display on the meter control system displays the following information by pressing the corresponding buttons. These are (working from left to right across the display):

- Flow: Displays CURRENT flow rate, gal/min.
- Total Flow: Displays TOTAL gallons treated since last meter reset, gal.
- Peak Flow: Displays PEAK flow rate since last meter reset, gal/min.

The display also has three informative lights:

- Green Power Light: System is plugged in and fully functioning.
- Yellow Warning Light: Will blink when system is at 80% of threshold gallons.
- Red Expired Light: Lit when system is at 90% of threshold gallons.
- At 100% threshold gallons the red light will blink, and the meter control will beep three times every 15 seconds and output 2 will provide 12 VAC 30 ma power. The beep can be silenced by pushing any button, and will remain silent for two days.
- To reset threshold and or beep continue to **programming**.

Flow Meter

The Flow Meter is available
Part Number 04-610-10 with 28" cord
Part Number 04-610-11 with 15' cord

Programming

Press all three buttons of the display simultaneously to enter Program Mode:

- The Flow button toggles to next screen, also acts as the Enter Button.
- The Total Flow button toggles the values **up**.
- The Peak Flow button toggles the values **down**.

Screen One: **CLR MEMORY YES NO. YES** to clear memory and reset threshold or **NO** to continue programming.

Next Screen: **SET PULSES**
- Should be factory set at 66 pulses.

Next Screen: **SET THRESHOLD TOTAL 2 YES or NO**
- Choose **YES** or **NO** to use threshold function. The threshold function utilizes the yellow and red display lights, along with 12 VAC Output 2 and audible alarm.

Next Screen: **SET THRESHOLD TOTAL 2** (set gallons for 12 VAC at connection Opt2, .030 amps max.)
- Should be factory set at 66 which translates to 80,000 gallons.
- 80,000 gallons is an estimated yearly service reminder for 4 people using 50 gallons per day each.
- This threshold can be set for your particular application at this time.
- Yellow Warning Light will flash at 80% of threshold gallon setting.
- Red Expired Light will light at 90% of threshold gallon setting.
- At 100% threshold gallons the red light will blink, and the meter control will beep three times every 15 seconds and output 2 will provide 12 VAC 30 mA power. The beep can be silenced by pushing any button, and will remain silent for two days.

Next Screen: **SET GAL/MIN** (set GPM flow for 4-20 mA connection, J2 +/-)
- There is no factory setting.
- Set GPM value for 20 mA flow signal.

Next Screen: **SET GAL 1** (set gallons for 12 VAC at connection Opt 1, .030 amps max.)
- Set between 1 to 990 gallons for connection Opt1 output interval.
- You can also set at zero for Opt1 to be used as a flow switch sensitive at .5 GPM.

Next Screen: **SET MIN 1** (set minutes for 12 VAC connection, Opt1 minimum run time)
- Set between .1 to 90 minutes for connection Opt1 output minimum run time.

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