DigiFlow 8300T-88, LCD Display Flow Monitor

Features :

☐ Filter capacity monitor, programmed digit by
   digit
☐ End of capacity alert
☐ Minus counting
☐ Battery operated, 2 AA alkaline batteries
☐ Low battery power alert

Application :
   ✓ Water treatment system
   ✓ Agriculture water supply system
   ✓ Industrial water treatment system

1.0 Electrical :
Operating Voltage : 3 DC Volts
Operating Current : 1.0 mA (work), 0.015 mA (sleep)

2.0 Application :
Mounting Method : Vertical or Horizontal
Flowing Direction : One direction
Flow Rate : 0.8 - 26.5 GPM
Reading : 1 – 99,999 Gallons with Audible Alert
Flow media : Water

3.0 General :
Temperature : Max 140 ℉ (no freezing)
Pressure : Max. 145 PSI
Weight : 6.7 ounce
Accuracy : +/- 10 %
Connection : 1" NPT male
Materials : Sensor housing : PA66 with 50% glass fiber
            Turbine : Plastic magnet
            Stick of turbine : #304 stainless steel (option : ceramic)

4.0 Operation Guide

1. Install batteries

   Slide off the cover case of the battery room, and put into two AA alkaline batteries. Then slide the cover case back. The power of two AA alkaline batteries could last for two years.

2. Connecting fitting

   The thread specification of the DigiFlow 8300T-88 is 1" NPT male.

3. Programming monitoring capacity

   Press "PROG" button, the "ProG" blinks on the LCD. Then press "RESET" to choose the right value to save from the right digit. Once the value is chosen, press "PROG" button to save the value and goes to the next digit. Repeat the above procedure to program the values for five digits from right to left. The maximum monitoring capacity for the DigiFlow 8300T-88 is 99,999 Gallons. If there is no input for one minute during the programming procedure, the programming procedure will be terminated and goes back to the original status.

4. Operating

   The DigiFlow 8300T-88 automatically turns on and displays the remaining capacity when there is water flowing through the sensor. And it automatically turns off in 10 seconds when there is no water flowing.

5. End of capacity alert

   The DigiFlow 8300T-88 generates an audible alert and the digits on the LCD blinks when its remaining capacity reaches zero or minus.

6. Resetting

   Press the "RESET" button for three seconds, the "rESEt" on the LCD blinks twice, and the remaining capacity is reset to the original programming value.

7. Low battery power alert

   When the battery power is low, the DigiFlow 8300T-88 generates an audible alert and the empty battery symbol on the right-up corner of the LCD blinks. The alert status will be released when the batteries are replaced by new batteries. The data of the last status will be memorized and stored back.