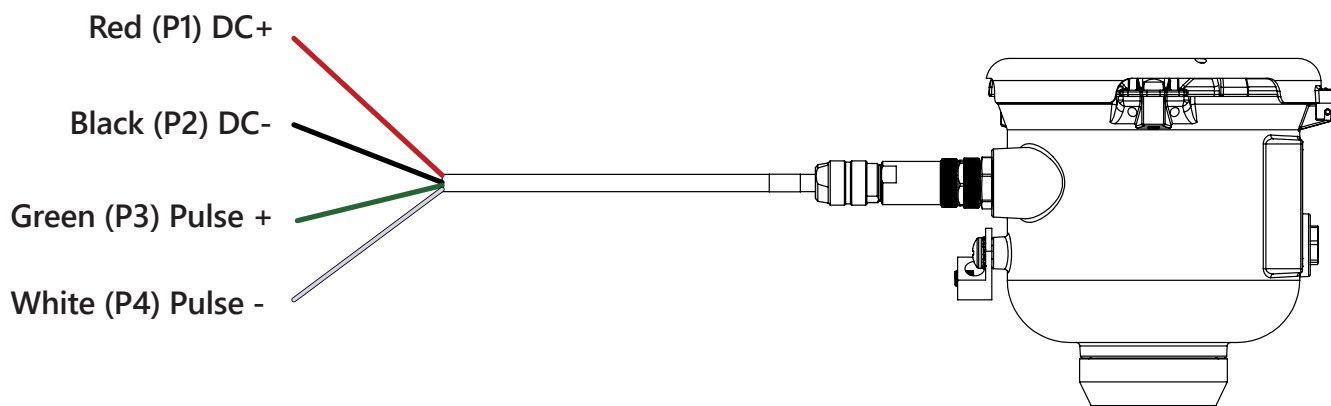


Wiring

Battery Power with No External Output

If not using external output, no wiring is required.

Connections for External DC Power and Pulse Output with DC or Battery Power



Warnings *Refer to instruction manual for further details.*

- Do not weld or flame cut within 10' of meter. Heat will damage electronics and liner. (Heat will void warranty.)
- Install provided full face gaskets. **Failure to install gaskets will void warranty.**
- Tube must be completely aligned with adjoining flanges.
- Ensure proper grounding.
- Bolts must be tightened evenly. Do not over tighten one side to fill a gap.
- Install security seal during installation if regulations require.
- **Backup batteries are not intended as a primary power source.**

Refer to the **Mechanical Quick Start Guide** or the complete instruction manual for details on mechanical installation.

Menu System

1.2345678
100
FORWARD TOTAL



The **HOME Screen** displays flow volume, direction of the flow total and flow RATE along with status conditions such as Empty Pipe. Two buttons below the LCD display are used to access menu screens for viewing and changing meter setup parameters.

These two buttons are light sensors which can detect when a finger is covering them. Only three button touch actions are needed to control navigation through the menus, settings changes and back to the home screen.



HORIZONTAL SCROLLING:

Tap right-hand button to scroll horizontally through menu tabs or move horizontally within a tab dialog when applicable.

All menu screens consist of two rows of tabs surrounding a dialog box that lets you view and change setup parameters. To enter the Menu System perform the hold and tap sequence.



SELECT: Tap left-hand button to change a highlighted item within a tab dialog.





ENTER/EXIT: Hold left button while tapping right button once to enter or exit a tab dialog or to navigate between the HOME and other menu screens.



Changing Settings



T UNIT

View or change TOTAL volume units

T UNIT R UNIT SET P DAMP
TOTAL = GALLONS
PRESS  +  TO SET TOTAL UNITS FOR DISPLAY
SET 4 SET 20 SET F EXIT



R UNIT

View or change flow RATE units

T UNIT R UNIT SET P DAMP
FLOW RATE = GALLONS/MIN
PRESS  +  TO SET RATE UNITS FOR DISPLAY
SET 4 SET 20 SET F EXIT



Set P

View or change pulse output scaling

T UNIT R UNIT SET P DAMP
00001.0 GALLONS
PRESS  +  TO SET GALLONS TOTALIZED PER PULSE SENT OUT PULSE1
SET 4 SET 20 SET F EXIT



DAMP


View or change # of samples for rolling average.

T UNIT R UNIT SET P DAMP
DAMPING = 1
PRESS  +  TO SET DAMPING VALUE
SET 4 SET 20 SET F EXIT

EXIT

Return to HOME SCREEN or enter SUBMENU



T UNIT R UNIT SET P DAMP
PRESS  +  EXIT MENU AND RETURN TO FLOW DISPLAY
SET 4 SET 20 SET F EXIT

The EXIT tab in the MAIN MENU has a second function. If you tap  seven times, you will be redirected to a SUBMENU screen from which you can access additional options.

INFO: Meter model, serial number, firmware version

SAMP: Sample rate (Default is set to 5 seconds. Battery life with a 5-second sampling rate is five years.* Increase sampling interval to extend battery life. See complete instruction manual for more details.)

*May vary depending on environmental factors.

INFO
PRESS  +  TO VIEW INFO ABOUT METER
SAMP EXIT

* See DAMP Settings for Battery Units in instruction manual.