Wiring

With No External Output

NOTE: If not using external output, no wiring is required.

With Pulse Output

Unscrew the display lid and remove it. Remove the 3 screws holding the display assembly and remove it from the meter exposing the internal wiring connector. Install the wires through the cable port. Refer to the complete manual for further details. (C1 = power/output cable)

NOTE: If not using external output, no wiring is required.

WARNING: Improper sealing of glands or cables (or direct connection with conduit to meter) will invalidate any warranty. If plugs or cable glands are removed, reinstall using Teflon pipe sealant, or tape, to ensure maximum moisture protection.

Remove plug & o-ring. Insert cable gland/strain relief. Feed cable through cable gland.

Clamp cable with strain relief clips. Attach drain wire lug to bracket post.

CRITICAL! Torque cable gland sealing nut to 22 in-lbs.

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

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.

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.

Changing Settings

T UNIT
View or change TOTAL volume units

R UNIT
View or change flow RATE units

Set P
View or change pulse output scaling

DAMP
View or change # of samples for rolling average.

The EXIT tab in the MAIN MENU has a second function. If you tap five 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.

* See DAMP Settings for Battery Units in instruction manual.