

OVERVIEW

This document describes the connection of a Badger Meter-supplied endpoint (transmitter), such as an ORION[®] Cellular LTE, to a TFX-500w Clamp-On Meter.

QUICK SETUP FOR TOTALIZER AND FLOW UNIT

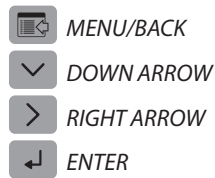


Figure 1: TFX-500w front panel buttons

1. Navigate to *Main Menu* > *Setup* > *Units* > *Flow Unit*.
2. Select the desired unit of measurement.
3. Navigate to *Main Menu* > *Setup* > *Flow Total Units*.
4. Select the desired unit of measurement.

PROGRAMMING THE TFX-500W METER FOR THE ENDPOINT

NOTE: For *Dial Count*, the selection of 9 dials provides the best accuracy. Set the *Resolution* to match the display. This provides a correlation between the displayed totalizer and the reading in BEACON[®].
 Example: If reading displayed=90,000.125 gallons, Dial Count=8, Resolution=0.1, the meter will send Encoder 900001.

1. Navigate to *Main Menu* > *Setup* > *Units* > *Flow Unit*.
2. Review *Dial Count* to verify the number of digits.
3. Change the *Resolution* from OFF to a resolution that matches the display.
4. Set the *Protocol* to one of the options. V1 (Standard) or V1 (Extended) are recommended.
5. Press the *Main Menu* button four times until the menu text is at *Exit This Menu* to exit the programming function.

WIRING THE ENDPOINT TO THE TFX-500W METER

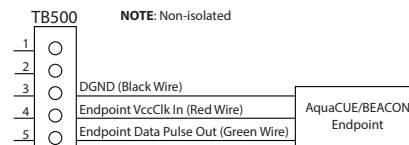


Figure 2: Digital I/O—BMI encoder interface

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