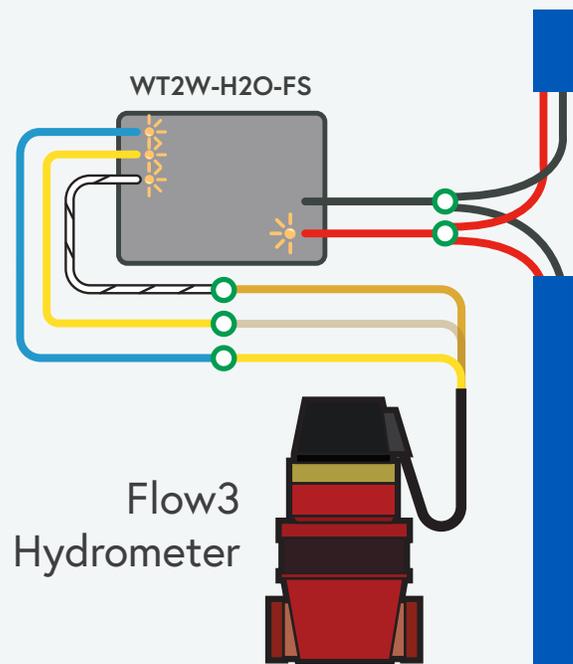# WeatherTRAK®

WT2W-H2O-FS
2-Wire Decoder

IMPORTANT: The Decoder must be programmed at the controller prior to installation on the 2-wire path. Please refer to the WeatherTRAK H20 2-wire Installation Guide for programming instructions. The ET Pro3 or OptiFlow controller also provides a direct-connect option found at the controller terminals.

Installation Guide

1. Power off the two-wire during the installation of any 2-wire device.

2. Install the Flow Sensor decoder as close to the flow device as possible. Follow the flow meter manufacturer's specifications for required straight pipe before and after the flow meter for accurate readings.

3. Connect the red and black wires from the Flow Sensor decoder to the red and black wires from the 2-wire field. Be sure to maintain polarity by connecting red to red and black to black. Leave 24 to 36 inches of slack on the 2-wire to allow for easy installation and maintenance.

4. Connect the bare copper wire (which is the common) from the Flow3 Hydrometer to the white wire with black stripe of the decoder. Then connect the clear wire (which is the sensor wire) from the Flow3 to the yellow wire of the decoder. Lastly, connect the yellow wire (which is the power wire) from the Flow3 to the blue wire from the decoder.

WT2W-H2O-FS

Flow3 Hydrometer

◯ = 3M™ DBR/Y-6 or equivalent moisture resistant connectors

WARNING!
The Decoder wires must not have electrical contact with the soil or water. All connections must use DBR/Y-6 or equivalent moisture-resistant connectors. Install all connections correctly. Damage to the system will occur if these specifications are not followed.

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