Installation

Location
➢ Select a location at least 6 inches or more after the main shutoff for the installation of the FL-1000 sensor. Make sure that the location you select in the main line after the shutoff valve is before the pipe branches off.

Mounting and Installation (It is Strongly advised to contract a certified plumber)
1. Shut off the main valve that feeds the water to the house. See diagram 1
2. Cut a one inch piece out of the PEX water pipe (keep the piece you cut out). See diagram 2
3. Slip a crimp ring over both pieces of pipe. See diagram 2
4. Install the ¾ inch brass adapter (not included) between the two pieces of PEX pipe. See diagram 3
5. Crimp both crimp rings with the special crimping tool.
6. Take the one inch piece of PEX pipe that you cut out in step 2 and slip a crimp ring over one end then slip it over the top of the brass tee and crimp it on with the special crimp tool. See diagram 4
7. Put a crimp ring over the open end of the one inch PEX and then slip the brass end of the sensor into the open PEX. Crimp the crimp ring with the special crimp tool. See Diagram 5
8. Turn the main water valve back on and check for leaks.

Connect Line Power
➢ Let the water run for a few minutes. If there are no leaks plug the AC power supply into the wall outlet.

Diagram 1  Diagram 2  Diagram 3  Diagram 4  Diagram 5
Pre-Delivery/Install Checklist

1) FL-1000 Leak/Freeze Sensor

2) 24 VDC power Adapter
Troubleshooting

- Can you see the FL-1000 network on your smart device?
  - Yes
    - Can you connect to the FL-1000 network with your smart device?
      - Yes
        - Try to connect to the FL-1000 User Interface. Can you bring up User Interface in Browser?
          - Yes
            - Everything is working. Continue setup.
          - No
            - If WIFI network does not show up in Smart Device WIFI network list the processor or firmware is corrupted or defective or the WIFI module is defective. Send controller back.
      - No
        - Reboot the FL-1000.
        - If after rebooting the unit you still cannot see the FL-1000 network or connect to it the unit is defective.
  - No
    - The unit is defective.

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