MC Smart Controls

The FL-1000 technology is an inexpensive water saving smart product for the residential, irrigation, and commercial markets. Introducing the MC Smart Controls leak detection and freeze detection sensor.

General Information

The FL-1000 leak and freeze protection sensor can be easily installed in the main water feed line of any residential or commercial property before the main shutoff valve. The device can be easily configured on to the local WIFI network with any smart device.

The user interface allows the user to configure at what temperature the sensor alarm triggers to protect against freezing. In "Auto" leak detection mode, the user can configure the sensor to automatically detect leaks any time of the day. In "Manual" leak detection mode, it also allows the user to do a manual leak test on their property. The sensor will automatically send an email and or a text under an alarm condition to wherever it is designated to be sent. This device can be interfaced or integrated into any home automation or smart home system.

Specifications

Pipe Sizes   1/2",1" Copper   1/2",1" PEX

Dimensions   W-2"   L-5.5"

Material   Brass, Stainless Steel, Poly-Carb

Operating temperature: range -40°C ~ 85°C

Electrical

120 VAC ± 10%, 60 Hz Output: 24.0 VDC 300 Ma

WIFI:

802.11 b/g/n/d/e/i/k/r (802.11n up to 150 Mbps)

Bluetooth:

Bluetooth v4.2 BR/EDR and BLE specification NZIF receiver with -98 dBm sensitivity
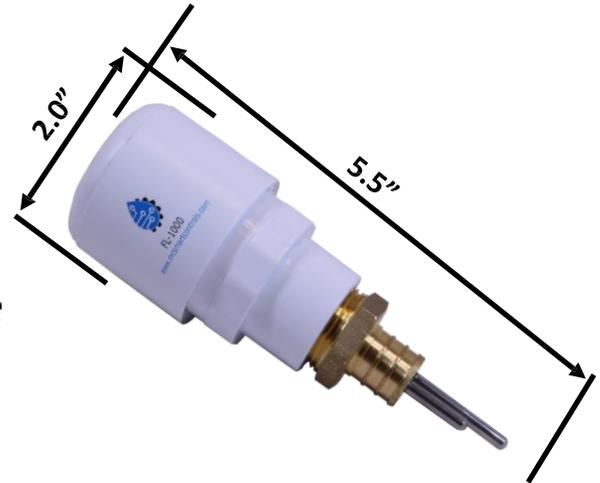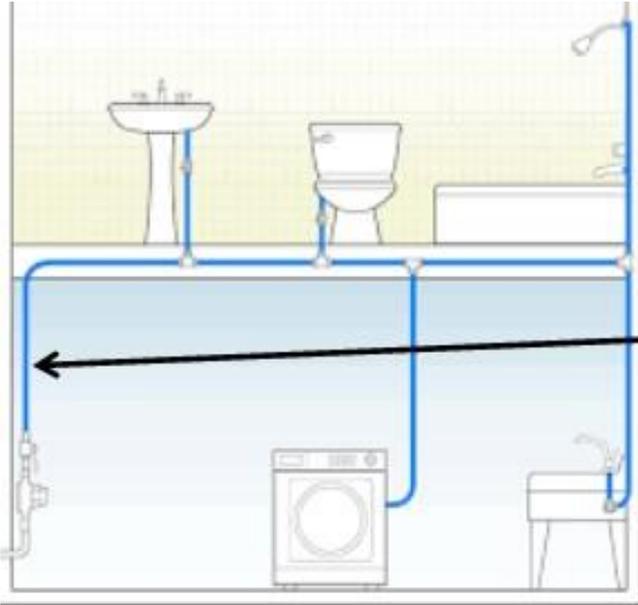
Security: WPA/WPA2/WPA2 Enterprise/WPS

FL-1000 User Interface and APP

Free APP and User interface

Compatible:

Apple,

Android,

Microsoft Windows