Water Sensor (WS-7/WS-8/WSA-8)

Water Sensor is specially designed to detect if the water level is above a certain level that may damage your protected goods.

POWER:

Water Sensor uses 4 AAA alkaline batteries as its power source.
Water Sensor can also detect the low battery status. The Low battery signal will be detected with supervision at every 30 to 50 mins; it must detect the low battery signal for at least 10 times with a time interval of 10 minutes in between.
The low battery signal will be sent to the Control Panel along with regular signal transmission for the Control Panel to display the status accordingly.

SUPERVISION:

When the Water Sensor is in Normal operation mode, it will conduct a Self-test
Periodically by transmit a supervisory signal once every 30 min to 50 min.
If the Control Panel can't receive the Supervisory signals transmitted from a certain Water Sensor, an "Out-Of-Order" fault message will be generated.

LEARNING IN WATER SENSOR:

Step 1.   Remove the cover by losing the two fixing screw on the top and bottom of Water Sensor.

Step 2.   Insert 4 of AAA alkaline batteries in the battery compartment

Step 3.   Program the Control Panel by selecting "Device +/-" menu, then "Add Devices" sub menu,

Step 4.   Press the Tack Switch to send the learn code to the Control Panel when the LCD screen displays, "Press button on device to Add"

Step 5. The Control Panel will detect the Water Sensor. It then ask to assign the zone number and the screen will show you the successfully added device.

Step 6. Press "OK" on the Control Panel and follows its settings to complete the Learning-In process.

Step 7. The Learning-In process is now completed.

II. MOUNTING WATER SENSOR:

The base has two knockouts, where the plastic is thinner for mounting purpose. To mount the Water Sensor:

I. Remove the screw to separate the top cover from the base.

II. Break through the two knockouts on the base where the plastic is thinner.

III. Using the 2 knockouts on the base as a template, drill two holes in the surface.

IV. Insert the wall plugs if fixing into plaster or brick

V. Clips the lid to the base

VI. Screw Water Sensor to the wall

VII. Locate the plastic clip and remove the cover from the adhesive pad

VIII. Fix the probes within the plastic clip and firmly press the clip onto the desired location.

III. NORMAL OPERATION:

Mount the Water Sensor on the wall whereas drop the black wire onto the floor level or any height that you want to detect the increasing water level.

- When the probes first come in contact with water, Water Sensor sends out the alarm signal to the control panel.

- With water condition persisting for 2 more minutes, Water Sensor sends the alarm signal to the control panel again.

- Water Sensor sends a total of 2 alarm signals to the Control Panel per each water accident. Water Sensor then enters Sleep Mode. This means that no matter if the water level increases, it will not trigger the alarm anymore.

<NOTE>

☞ After probes are no longer in contact with water, Water Sensor sends a restore signal to the Control Panel indicating the water condition has been cleared. Water Sensor then enters Normal Operation Mode.

☞ During the alarming period, whenever the water ebbs, Water Sensor enters Normal Operation Mode.