



## **IQ Water Tile ~ PGP9986**

**NEO HS2016 / HS2032 / HS2064 / HS2128**



The PowerG + IQ Water Tile PGP9986 for water leak detection is supported on the NEO v1.13 or higher panels with a v1.33 or higher HOST. The low-profile design allows for discreet, quick and easy installation in a variety of locations throughout the premise.

### **PGP9986 Installation Manual**



Click on the QR Code

- **Tech Tip:** The NEO currently only supports the PGP9986 as a water sensor in legacy mode. Save time, money and provide more protection by using the PGP9986.

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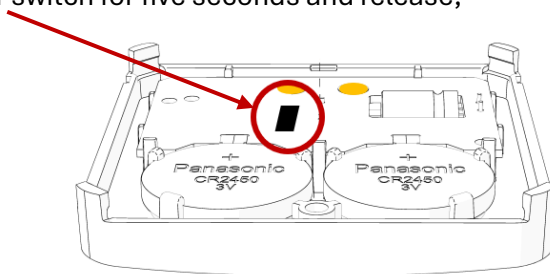
## **Panel Programming:**

[ ] = NEO Panel Section      / Solid ~ Red Lock light in programming /  
 { } = NEO Subsection      / Single Flashing ~ Red Lock light in programming /  
 / / = NEO Sub-Subsection      / Double Flashing ~ Red Lock light in programming /  
 ( ) = Data      / Solid ~ Green Check light in programming /

## **Enrollment process:**

### **Section [804] {000}**

Press the Tamper switch for five seconds and release;



~ or ~

Insert the batteries;

~ or ~

Replace the back cover onto the device.

Wait approximately 5 seconds and the serial number should be presented on the keypad display.

- **Tech Tip:** The PGP9986 serial number will display as 240-XXXX instead of the 242-XXXX. '240' is legacy mode. The NEO currently only acknowledges the '240' prefix for the PGP9986.

## **Complete the PowerG enrollment process:**

Press [\*] to accept the serial number;  
 Enter the desired zone number ( \_ \_ );  
 Enter the desired Zone Type ( \_ \_ );  
 Assign the appropriate partition to the zone;  
 Program the zone label as needed, press [#] to exit.

## **Wireless configuration:**

### **Section [804] {001 - 128}**

Device Toggles

/001/ Toggle 4 – Supervisory – Default 'Y'

- **Tech Tip:** The PGP9986 device tamper should clear within 5 seconds of closing the sensor.

## **IQ Water Tile ~ PGP9986**


### **Manual Signal Strength Placement Test:**

Place the PGP9986 into Placement Test mode by creating a tamper on the sensor (remove the back cover of the sensor.) Then press the tamper switch for 2 seconds and release, the LED on the front cover of the sensor should flash RED twice (once on the press and once on the release of the tamper switch.) In approximately 5 seconds the sensor's LED will flash three times to indicate the sensor's signal strength as shown below.

- **Tech Tip:** The PGP9986 in the NEO platform will go through three signal tests per tamper activation. Be patient, let the three tests complete before activating the tamper again for additional signal strength testing.

Three GREEN flashes = Strong 

Three AMBER flashes = Good 

Three RED flashes = Poor 

- **Tech Tip:** Perform the signal strength test as many times as needed (recommendation is three times.)
- **Tech Tip:** After putting the sensor back together, the signal strength can be viewed in the final location approximately 5 seconds after the cover is replace on to the device.
- **Tech Tip:** Signal strength placement test can also be performed in Section [904] {Zone #}. (See **Jul 2019 - NEO - 904 Placement Test** Tech Tip – use QR or link below)

<https://app.box.com/s/8wliczjw9m1cucoo17pjl9dofgxo8tj8>

