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Using the G.R.I. 2800 series Water Sensor in conjunction with panels, utilizing low voltage zone loops.

Please note there are panels manufactured that use a lower voltage level on their zone loops. A voltage reading taken directly across the zone should confirm these panels. Normally, a reading of 7.8 to 6 volts or less will be noted indicating this panel type. Application of the EOL resistor would typically further reduce the voltage available on the zone loop to less than half the total voltage.

The G.R.I. 2800 Water Sensor is an open loop device designed to operate most efficiently using a recommended minimum voltage of 5VDC to a maximum of 24VDC. Most panels will require installation of an EOL resistor in a parallel configuration to the G.R.I. 2800 to correctly monitor the open loop. On a low voltage panel, the EOL will further limit the working voltage for the G.R.I. 2800 to less than the recommended 5 volts required to perform a positive and relatively rapid on/off operation.

Before installation of the G.R.I. 2800 directly to the panel zone, please confirm a minimum voltage of 5VDC after the EOL resistor. Panels not meeting these minimum voltage criteria should have the G.R.I. 2600 series Closed Loop, 4 wire sensor installed to insure a positive and reliable switching function.

On all installations of extreme sensitive nature dealing with equipment like the G.R.I. 2800 and 2600 Water Sensors, it is recommended that the sensors be routinely tested for normal operation no less than once per 12 month period.

FOR FURTHER ASSISTANCE, PLEASE CALL YOUR G.R.I. TECHNICAL SUPPORT REPRESENTATIVE.