



Push Encoder Switch to toggle through Setpoints. Turn encoder to adjust selected SP. On exit, setpoints will be stored in EEPROM ensuring on next powerup last settings retained (ensure back to 'Normal 0' mode for Temp Control).

- > Normal 0 - Controlling to Temperature Setpoints. Lo Alarm/Hi Temp Mode armed
- > Toggle 1 - Adjust Temperature Setpoint > Store
- > Toggle 2 - Adjust Lo Alarm Setpoint > Store
- > Toggle 3 - Adjust Hi Temp Mode Setpoint (fan min. speed/on off pulse) > Store
- > Toggle 4 - Adjust P constant > Store
- > Toggle 5 - Adjust I constant > Store
- > Toggle 6 - Adjust D constant > Store

****Note: Switch (Pin 8) will Silence Lo Temp Alarm for 10 minutes when pressed****

****Note**
 Thermocouples can be susceptible to electrical noise. Where the Probe (eg a 6mm Threaded probe) enters the cook chamber, i drilled a 10mm hole. then insulated the probe using silicon rubber washers i cut from one of the wives silicon baking trays (she hasnt noticed yet). ie i made two 20mm round silicon rubber washers with small slits in the centre through which the probe was fed through and a butterfly nut finger tightened retaining the probe in the 10mm hole (insulated on both sides via the silicon rubber washer) this stopped the noise.

****Note**
 To test without MAXX Thermocouple, the INO Sketch has lines to comment/uncomment which if you connect 10K Potentiometer between Vcc (POT left) / Pin A1 (POT middle) / GND (POT right) you can mimic the Temperature READ 0-250°C