

Fermentation Controller Wiring Diagram

Raspberry Pi Zero W Connections:

GPIO4 → DS18B20 Data (with 4.7kΩ pull-up to 3.3V)

3.3V → DS18B20 VCC

GND → DS18B20 GND

GPIO2 (SDA) → ADS1115 SDA

GPIO3 (SCL) → ADS1115 SCL

3.3V → ADS1115 VCC

GND → ADS1115 GND

ADS1115 A0 → SCT-013 Burden & Bias Circuit

Relay Control → GPIO17