To switch panel for
Logic 1 selection

Sensor A Input

A I+ - green - 24 gauge
A V+ - black - 24 gauge
A I- - black - 24 gauge
A V- - orange - 24 gauge

Shield ground

Sensor B Input

B I+ - red - 24 gauge
B V+ - yellow - 24 gauge
B I- - white - 24 gauge
B V- - black - 24 gauge

Shield ground

Analog Voltage Output

Term Block 8

Analog Signal - white - 18 gauge

Analog Ground - green - 18 gauge

Note: 24 gauge wires are twisted together as pairs within a common shield ground. The heater shield ground is tied to the same sensor shield ground.

Lake Shore 331 Temperature Controller to "W" keyed MIL Spec 14-12 box receptacle on electronics box backplane

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