Sequent Microsystems Building Automation HAT universal inputs:

IN1 (green):   10K thermistor – water temp

IN2 (brown): 10K thermistor - enclosure temp

IN3 (beige):   0-10V – filter pump current transducer (polarity important!)

IN4:   0-10V – spare

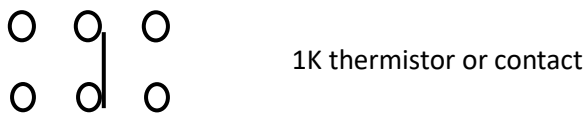IN5:   0-10V – spare

IN6:   contact – spare
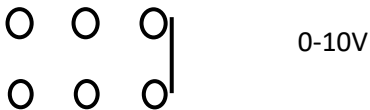
IN7:   contact - spare

IN8:   contact – spare

Input type jumpers:

10K thermistor

1K thermistor or contact

0-10V

Calibration of 10K inputs:

Thermistor Calibration for High Accuracy Measurements - CAS (dataloggerinc.com)

(See data subdirectory for water temp and enclosure temp spreadsheets.)

Sequent Microsystems 8 Relays HAT:

Relay1 (black):   Speed3 contact

Relay2 (white):   Speed2 contact

Relay3 (yellow):   Speed1 contact

Relay4:   spare

Relay5:   spare

Relay6:   Enclosure Fan contact

Relay7 (yellow):   SWCG contact

Relay8 (white):   Polaris contact