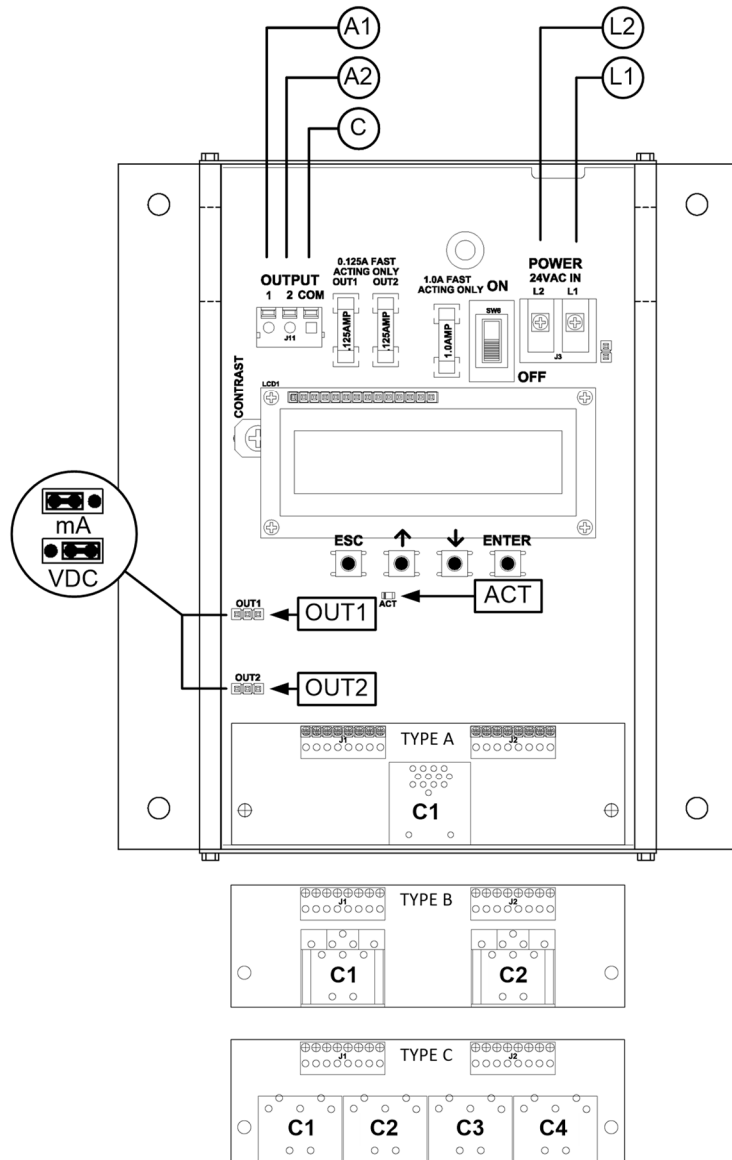


# Advantage IV (A4) HTA104-B WIRING GUIDE



## TRANSMITTER CONNECTIONS

Power		Analog Out (isolated)			Connector Type B	
L1	L2	A1	A2	C	C1	C2
24 VAC (hot)	24 VAC (neutral)	Airflow (or Pressure) +	Temperature or Alarm +	Signal Common	Bleed Sensor	Not Used

### INSTRUCTIONS TO INSTALLER:

- Mount the transmitter in a location where the bleed sensor cable can reach the receptacle of the transmitter. Provide a weatherproof enclosure (by others) and mount away from direct sunlight when outdoor mounting is required.
  - Connect the bleed sensor cable to connector C1 of the transmitter. Connector C2 is not used in this configuration.
- (i) Cables have an FEP plenum rated jacket that are UV tolerant and suitable for operation over the entire operating temperature range of the device.*
- ⚠** Sensor probe plugs are keyed and NOT twist-lock. Align the key and push the plug onto the transmitter receptacle. Twisting may damage the connector pins.
- Select a 24 VAC transformer that provides 22.8 to 26.4 VAC during operation. Size the transformer for 8 V-A for each measurement location.
- ⚠** Multiple transmitters wired to a single transformer must be wired "in-phase" (L1 to L1 and L2 to L2).
- If analog output signals are used, continue to step 5, otherwise skip to step 6.
  - Connect each analog output signal required to the host B.A.S. using shielded twisted-pair wire. Properly terminate the shield (typically at the B.A.S.).
- ⚠** If twisted pair wire and/or shielded cable is not used, extraneous electrical noise can be picked up between the transmitter and host control panel.
- Refer to the HTA104-B Startup Guide prior to moving the power switch to the "ON" position.