

CONTROLLER: SAB-B4 Condensate Monitor
Thermally Compensated Conductivity Monitoring

Sensors:	Cable to:	Located:
Condensate No.1 (Blue Cable Sleeve at Sensor)	E+ & E-, A+ & A-	Door mounted circuit board
Condensate No.2 (Black Cable Sleeve at Sensor)	S1 & S2, T1 & T2 Condensate #2	Module located in back of enclosure – See Appendix D3 in manual
Condensate No.3 (Black Cable Sleeve at Sensor)	S1 & S2, T1 & T2 Condensate #3	Module located in back of enclosure – See Appendix D3 in manual
Condensate No.4 (Black Cable Sleeve at Sensor)	S1 & S2, T1 & T2 Condensate #4	Module located in back of enclosure – See Appendix D3 in manual

Cabling Notes:

1. Extend conductivity sensor cables with 4 x AWG22 cable, shielded or unshielded.
2. Do not mix the sensor which connects to the controller door, identified with the sleeve at the sensor, with the other three sensors. The door sensor uses a different type of thermal sensor and it not interchangeable with the other three sensors. Only the Condensate No.1 sensor will display temperature on the controller LCD display.
3. Exercise care not to switch cable coloring when extending sensor cables. This is a difficult fault to identify and it will cause operational and tracking problems.

Motorized Valves:	Cable to:	Located:
Condensate 1 Bypass Valve	NC2, NO2 & N2	Door mounted circuit board
Condensate 2 Bypass Valve	NC3, NO3 & N3	Door mounted circuit board
Condensate 3 Bypass Valve	NC4, NO4 & N5	Door mounted circuit board
Condensate 4 Bypass Valve	NC5, NO5 & N5	Door mounted circuit board

Cabling Notes: Cable valves with AWG18 to AWG14 multiple stranded. Cabling fused @ 7 amps. Do not use AWG12-14, 7 strand. Wire steam rated solenoids to **NOx** & **Nx** terminals.