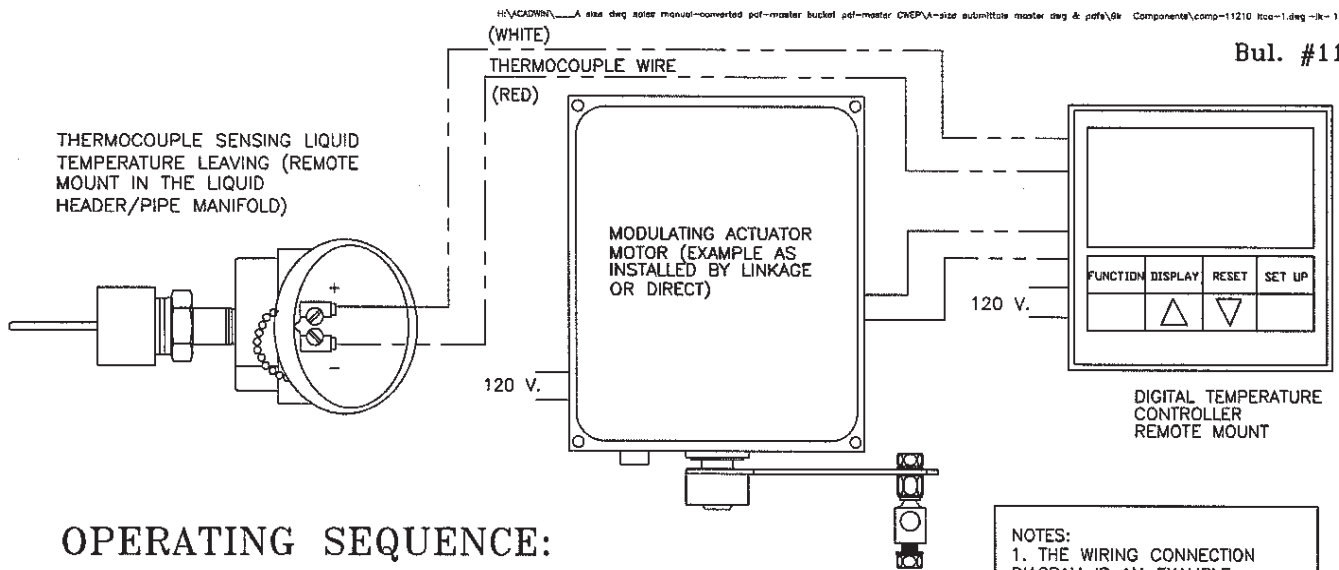


LIQUID TEMPERATURE CONTROL ASSEMBLY

Bul. #11210



OPERATING SEQUENCE:

LIQUID TEMPERATURE CONTROL: (THERMOCOUPLE SENSING MAXIMUM LIQUID TEMPERATURE) DURING A COLD STARTUP THE DAMPER WILL BE POWERED TO THE 'NORMAL OPERATING POSITION'. AS THE LIQUID TEMPERATURE RISES, APPROACHING A PRESET POINT, THE DAMPER WILL BEGIN TO MOVE TO THE 'TEMPERATURE CONTROL POSITION'. AS THE DESIRED TEMPERATURE IS SATISFIED THE DAMPER ACTUATOR WILL MOVE TO THE 'MAXIMUM OPEN POSITION, BYPASSING AS MUCH EXHAUST GAS AS POSSIBLE (PLEASE NOTE 100% BYPASS CANNOT BE ATTAINED DUE TO RESIDUAL HEAT IN CONTACT WITH THE FIN TUBING).

NOTES:

1. THE WIRING CONNECTION DIAGRAM IS AN EXAMPLE INDICATING THE BASIC ELECTRICAL COMPONENT DESIGN REQUIREMENTS.
2. ACTUATOR TYPES AND/OR ADDED CONTROLS CAN CHANGE WITHIN THE SUBMITTAL DRAWING PROCESS.
3. A SPECIFIC WIRING SCHEMATIC IS SUPPLIED IN CUSTOMER APPROVAL SUBMITTAL DRAWINGS.

