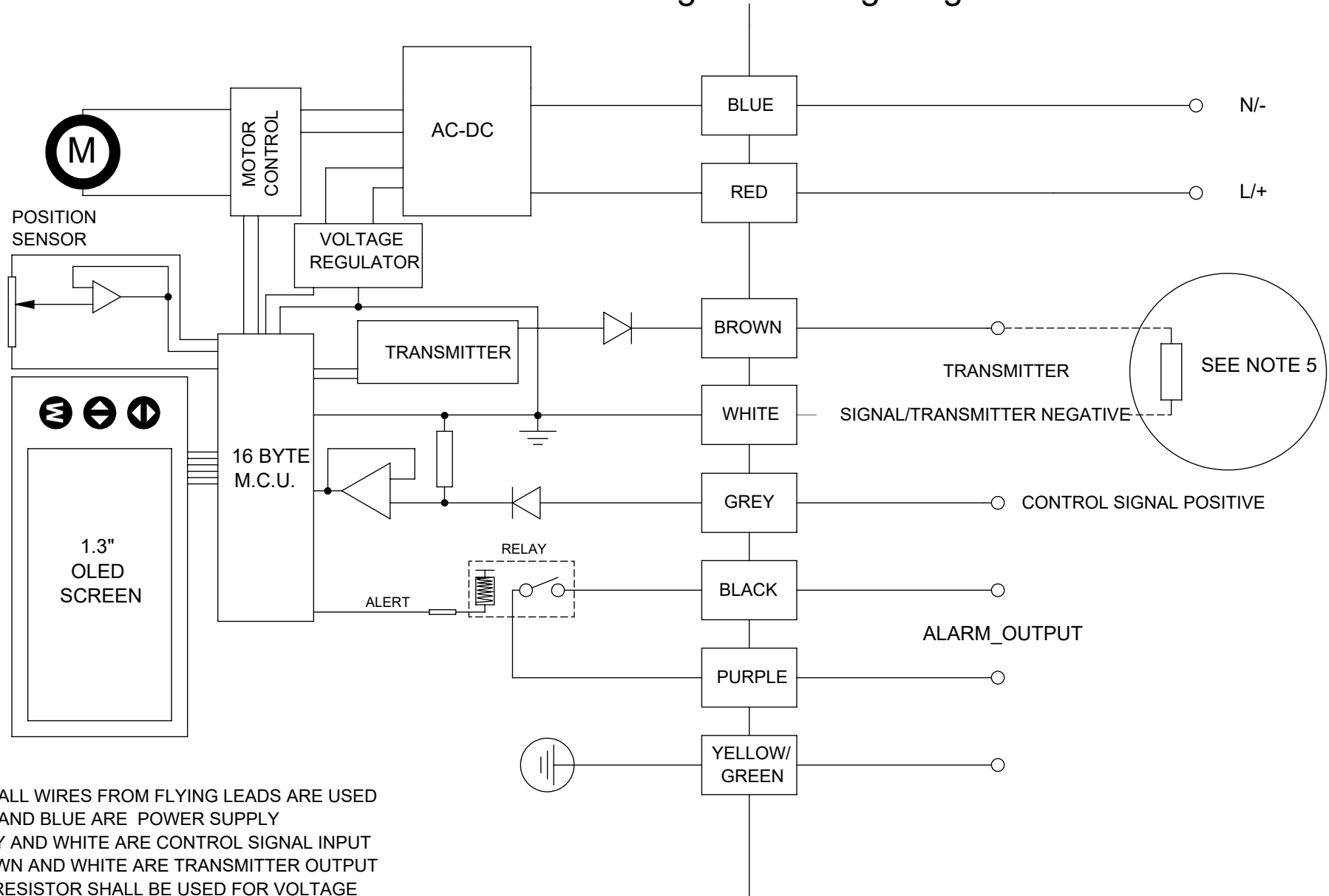


# Series 19 Modulating S20 Wiring Diagram



## NOTES:

1. NOT ALL WIRES FROM FLYING LEADS ARE USED
2. RED AND BLUE ARE POWER SUPPLY
3. GREY AND WHITE ARE CONTROL SIGNAL INPUT
4. BROWN AND WHITE ARE TRANSMITTER OUTPUT
5. 10K RESISTOR SHALL BE USED FOR VOLTAGE TRANSMITTER, OR 250Ω RESISTOR FOR CURRENT TRANSMITTER
6. USER CAN SET "NO CONTROL" DEFAULT POSITION IN FIRMWARE SETTINGS (FAIL IN PLACE, OPEN, CLOSE) FOR 4-20mA, 1-5V, AND 2-10V CONTROL SIGNAL. STANDARD IS FAIL IN PLACE. THIS SETTING IS NOT POSSIBLE IF USING A CONTROL SIGNAL OF 0-20mA, 0-5V, OR 0-10V
7. HEATER IS INTERNALLY WIRED & OPERATIONAL AS LONG AS ACTUATOR IS POWERED