



External AC→DC adapter
Input: 120 VAC
Output: 18 V DC
Powers CR3000
1 → +18V
2 → GND

CR3000
1 → +5V rail
2 → +12V rail
3 → GND
4 → CR3000 SE1
5 → CR3000 digital pins

J1
Relay board power
DC(+) → 1 → +5V
DC(-) → 2 → GND

S1
Pressure transducer
DC(-) Blue → 1 → GND
Func Gray → 2 → CR3000 SE1
OUT2 White → 3 → X
OUT1 Black → 4 → X
DC(+) Brown → 5 → +12V