Arduino 1

* Solenoid valves
  + Open/closed 1 – 50
  + Open/closed 2 – 52
  + 5v – 46
  + UNUSED – 48 (will flip 4th relay, unconnected)
* Vacuum valves
  + Open 1 – 21
  + Closed 1 – 20
  + Open 2 – 19
  + Closed 2 – 18
* Open LED – 11
* Closed LED – 10
* Error LED – 12
* Com LED – 13

Arduino 2

* Temperature 1
  + SDO – 40
  + SDI – 42
  + SCK – 44
  + CS 1 – 46
  + CS 2 – 48
  + CS 3 – 50
  + CS 4 – 52
* Temperature 2
  + SDO – 53
  + SDI – 51
  + SCK – 49
  + CS 5 – 47
  + CS 6 – 45
  + CS 7 – 43
  + CS 8 – 41
* Flow meters
  + 1 -- 18
  + 2 – 19
  + 3 – 20
  + 4 – 3
  + 5 – 2
* Error LED – 12
* Com LED – 13