Power

Power input RAW is 5 to 24VDC, and powers the valves directly. A 5V regulator powers the sensor, if a 5V sensor is used.

Alternatively, if both solenoid valves and sensor are 5V, and the board is powered by a regulated 5V supply, the regulators can be removed and the jumpers (G2-G5) removed.

To make it possible to use a 5V pressure sensor, a 5V regulator is included too. In this case, RAW is 5 to 24VDC, and powers the valves directly.

Digital pressure sensor

Solenoid valve drivers

Connectors

Jumpers for I2C address selection. This will allow up to 8 different addresses without requiring any reprograming.