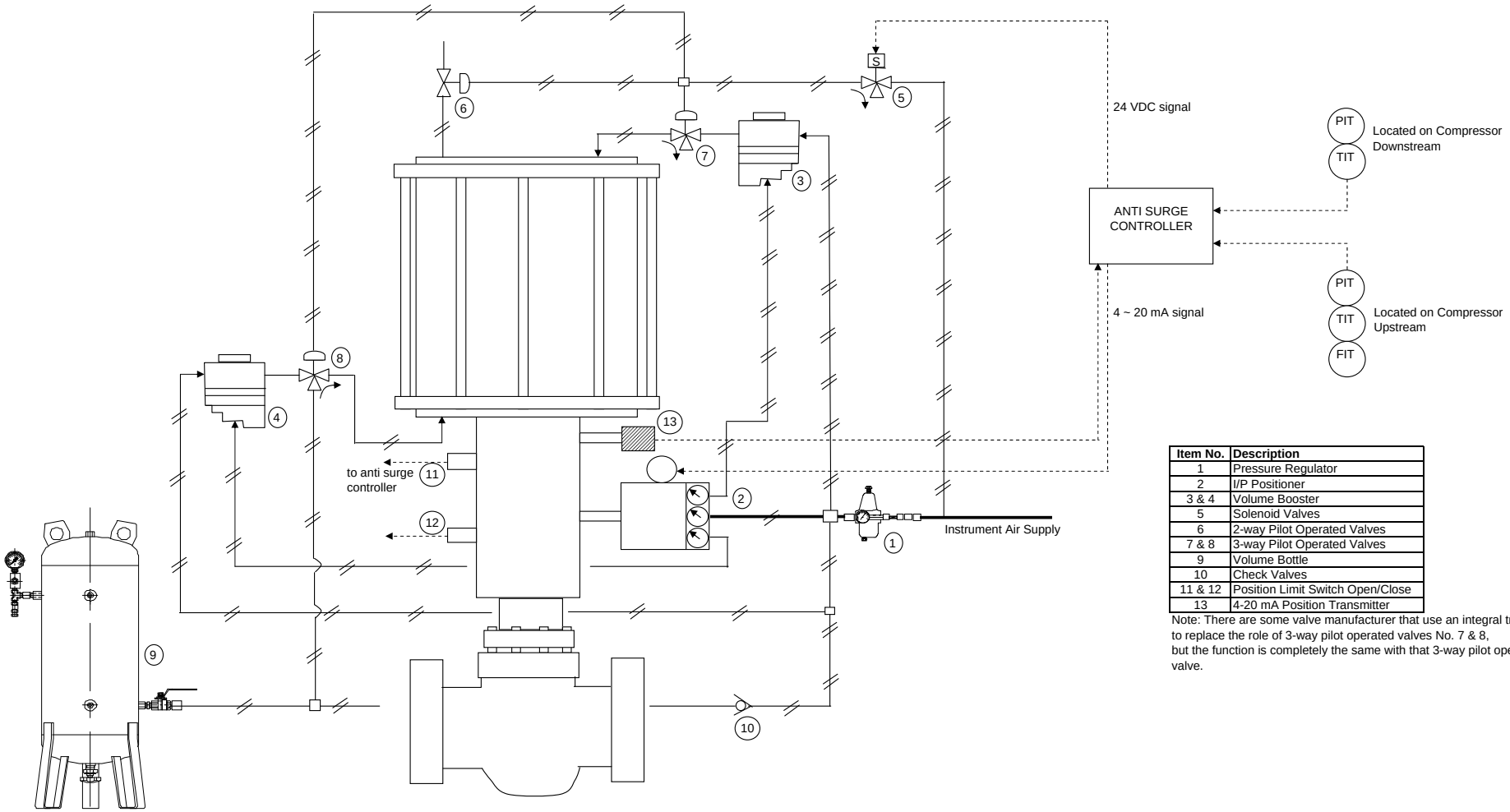
Typical Anti Surge Control Valves General Arrangement



Item No.	Description
1	Pressure Regulator
2	I/P Positioner
3 & 4	Volume Booster
5	Solenoid Valves
6	2-way Pilot Operated Valves
7 & 8	3-way Pilot Operated Valves
9	Volume Bottle
10	Check Valves
11 & 12	Position Limit Switch Open/Close
13	4-20 mA Position Transmitter

Note: There are some valve manufacturer that use an integral trip valve to replace the role of 3-way pilot operated valves No. 7 & 8, but the function is completely the same with that 3-way pilot operated valve.