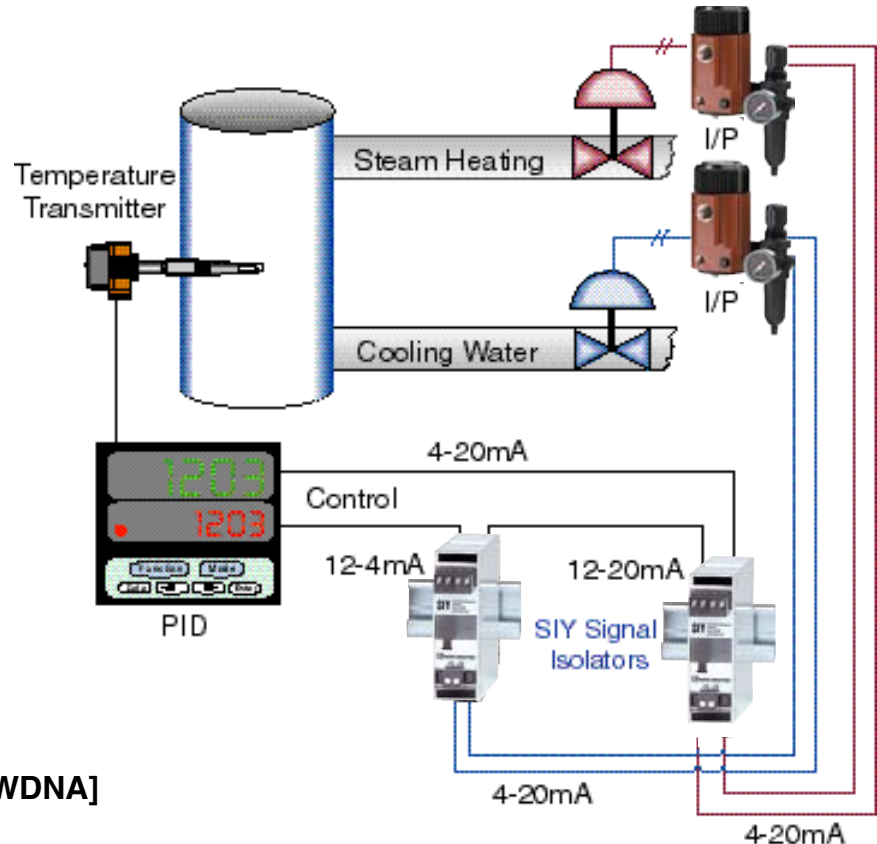


### I/P and P/I Converters

#### Split Range Valve Control

**Problem:** We need to use the output from one temperature transmitter from the process to control two valves...one for the heating system and one for the cooling system.

**Solution:** Use two IPH<sup>2</sup> transmitters in conjunction with our SIY PC-Programmable Signal Isolator Converters to control the valves. One SIY configured for 12-4mA (reversed) and the other for 12-20mA. At 12mA the setpoint is satisfied and both valves are closed.



#### Model Number Example

SIY / PRG / 4-20MA / 10-42DC [DIN]

IPH2 / 4-20MA / 3-27PSIG / 35PSI /-FR1 [WDNA]

[Go to I/P and P/I Converters Selection Guide](#)