

PID_Loops

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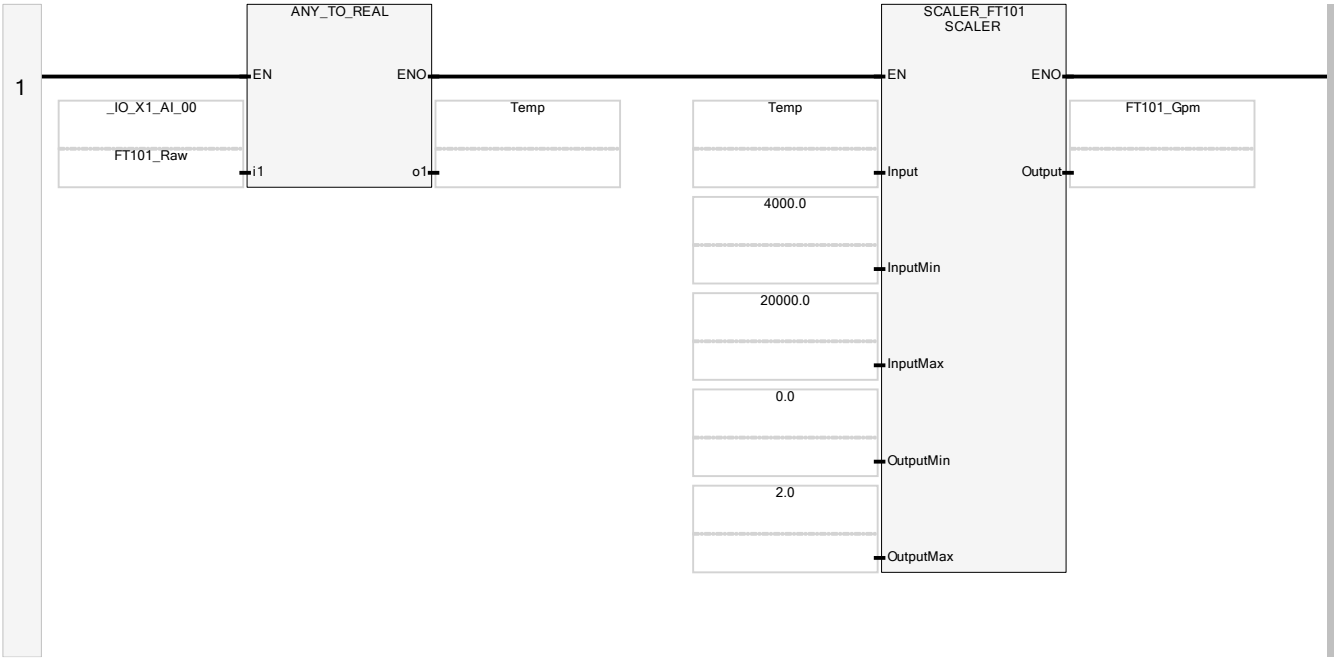
Rung1 Diagram

Example use of PID block

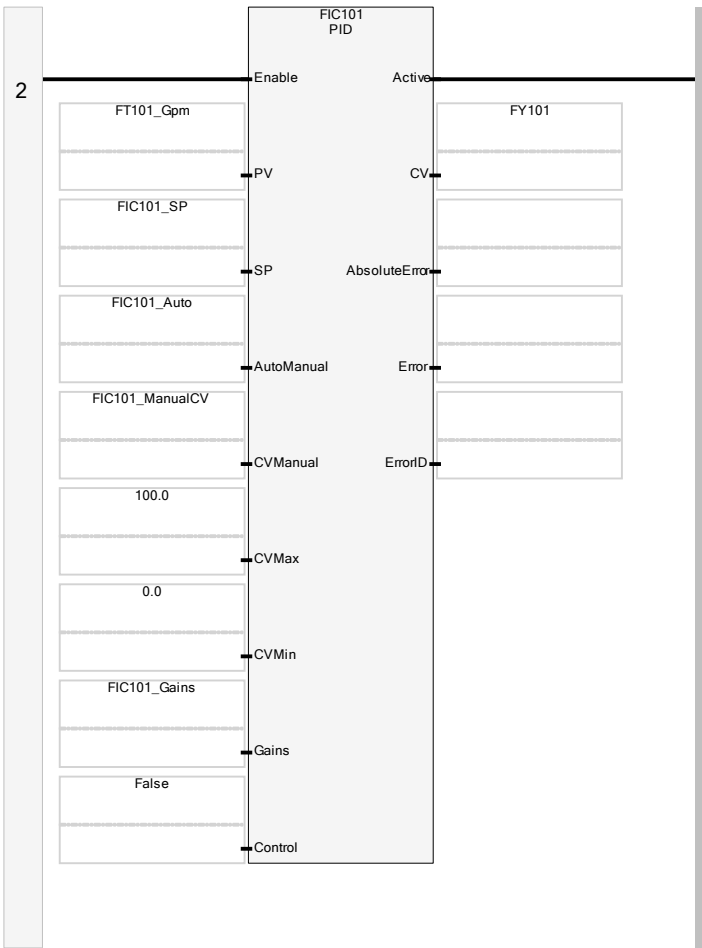
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PV is Expansion 1 channel 0. CV is Expansion 2 channel 0. Both are wired together

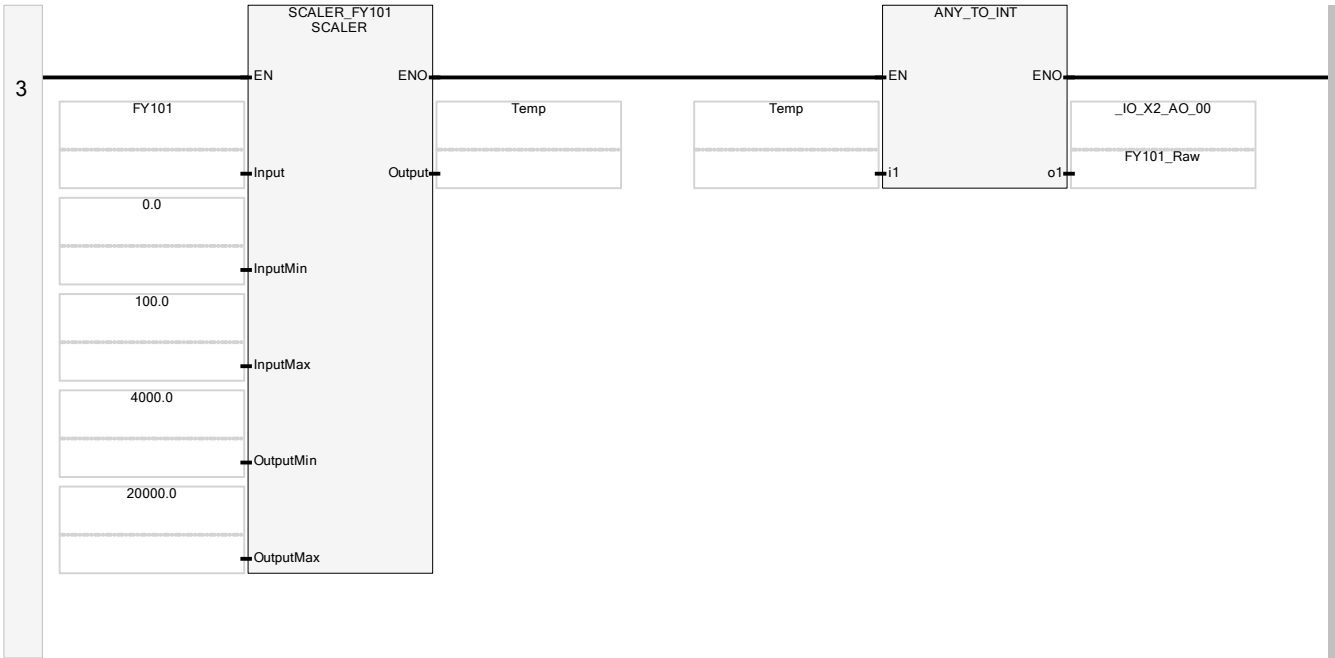
Scale flow measurement



Rung2 Diagram

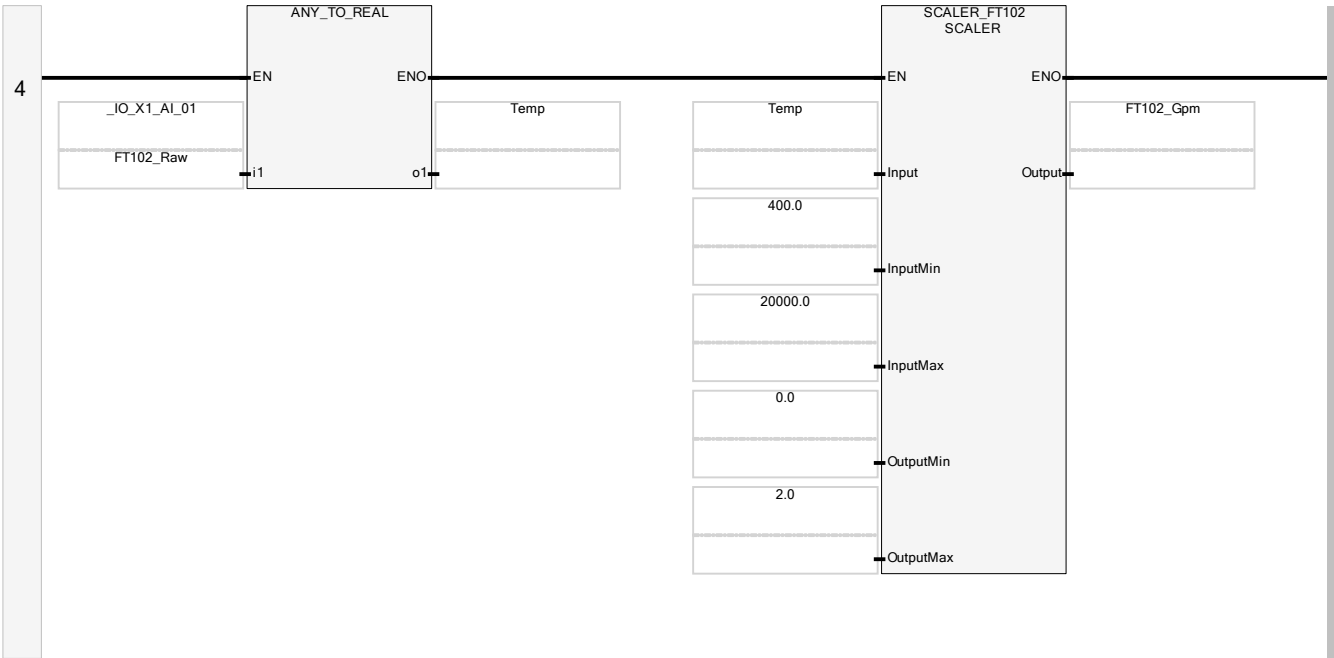


Rung3 Diagram
Unscale valve position



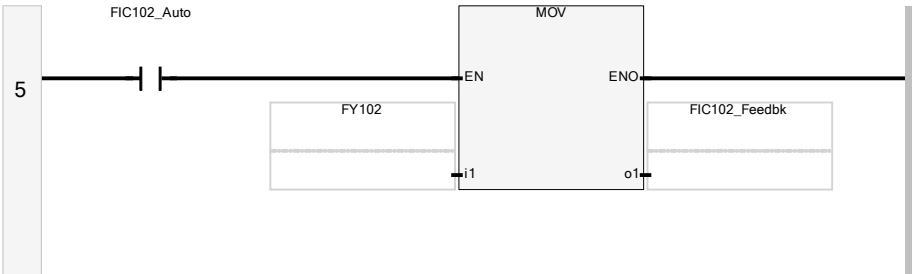
Rung4 Diagram

Example use of IPIDCONTROLLER block
PV is Expansion 1 channel 1. CV is Expansion 2 channel 1. Both are wired together
Scale flow measurement

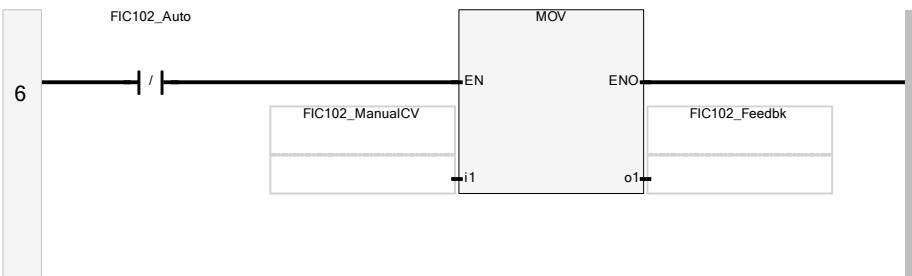


Rung5 Diagram

If in auto mode, PID block feedback is the FY102 value. If in manual mode, PID block feedback is the Manual CV value.

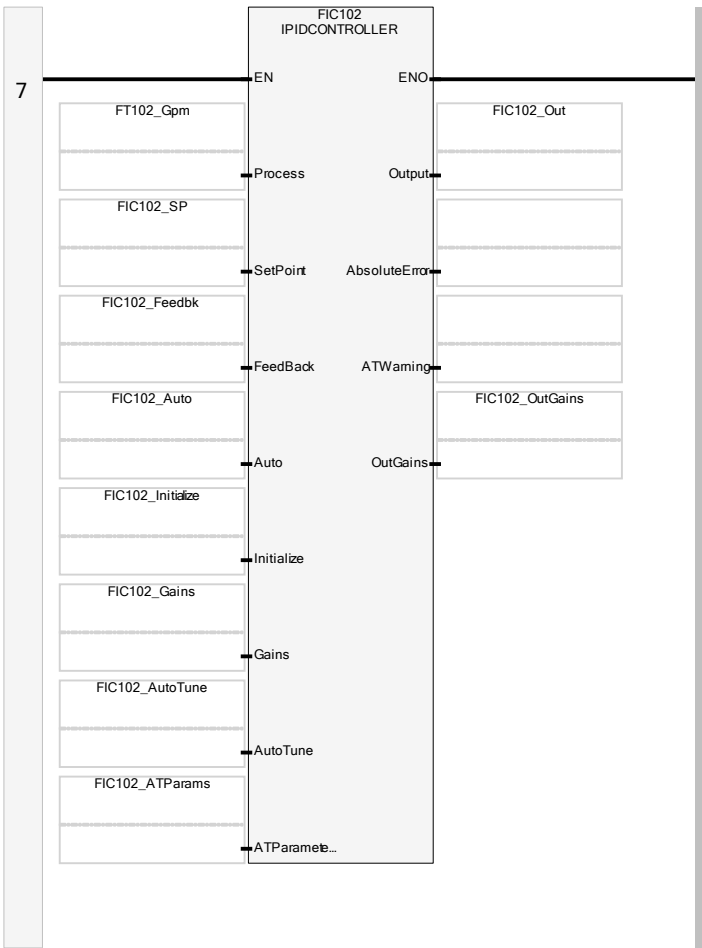


Rung6 Diagram



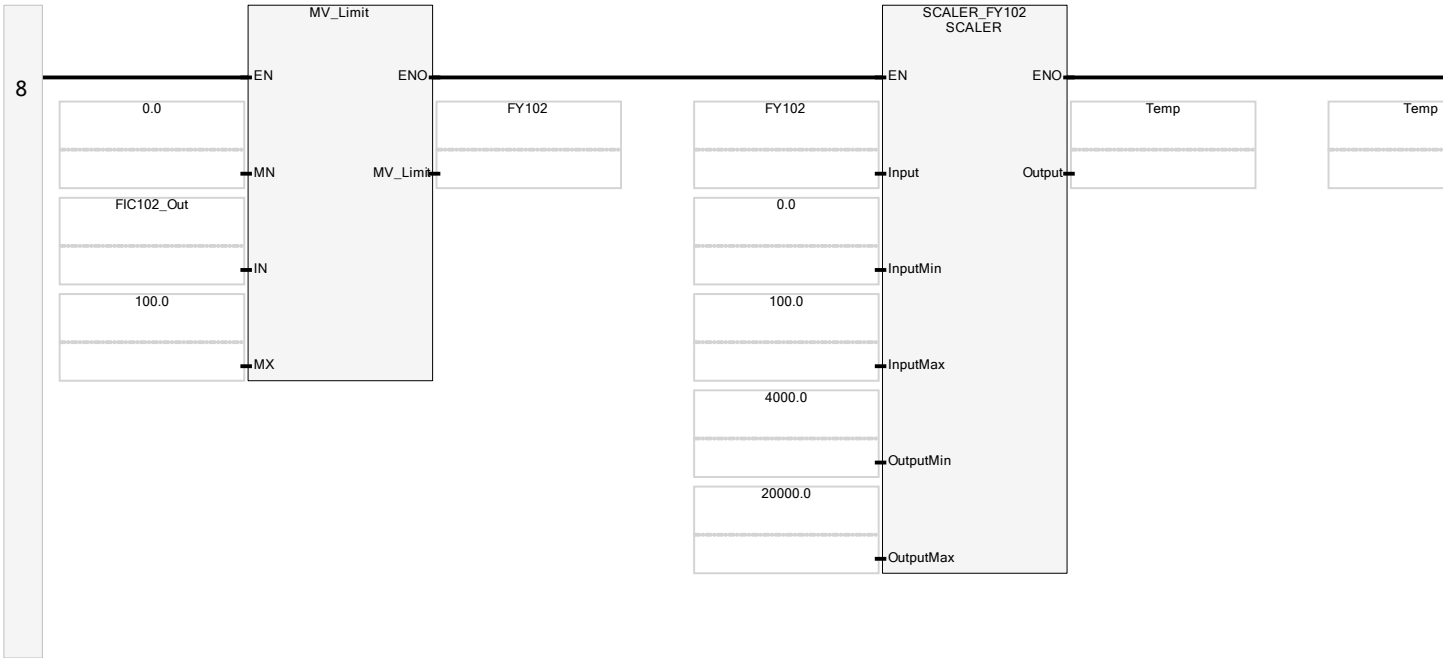
Rung7 Diagram

PID Control Block



Rung8 Diagram

Limit output to 0 to 100. Unscale valve position





Transfer auto-tune results

