



TECHNICAL BULLETIN

November 2005
Bulletin: U801-B001

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GENERATING A VOLTAGE OUTPUT FROM A CURRENT SIGNAL

For use on the Model U801 FLO-CONTROLLER ONLY

Objective

McMillan U801 FLO-CONTROLLERS are commonly ordered with 4-20 mA input and output signals, represented by suffix "C" in the part number. In certain applications, customers may wish to generate a 1-5 VDC signal to monitor the output signal.

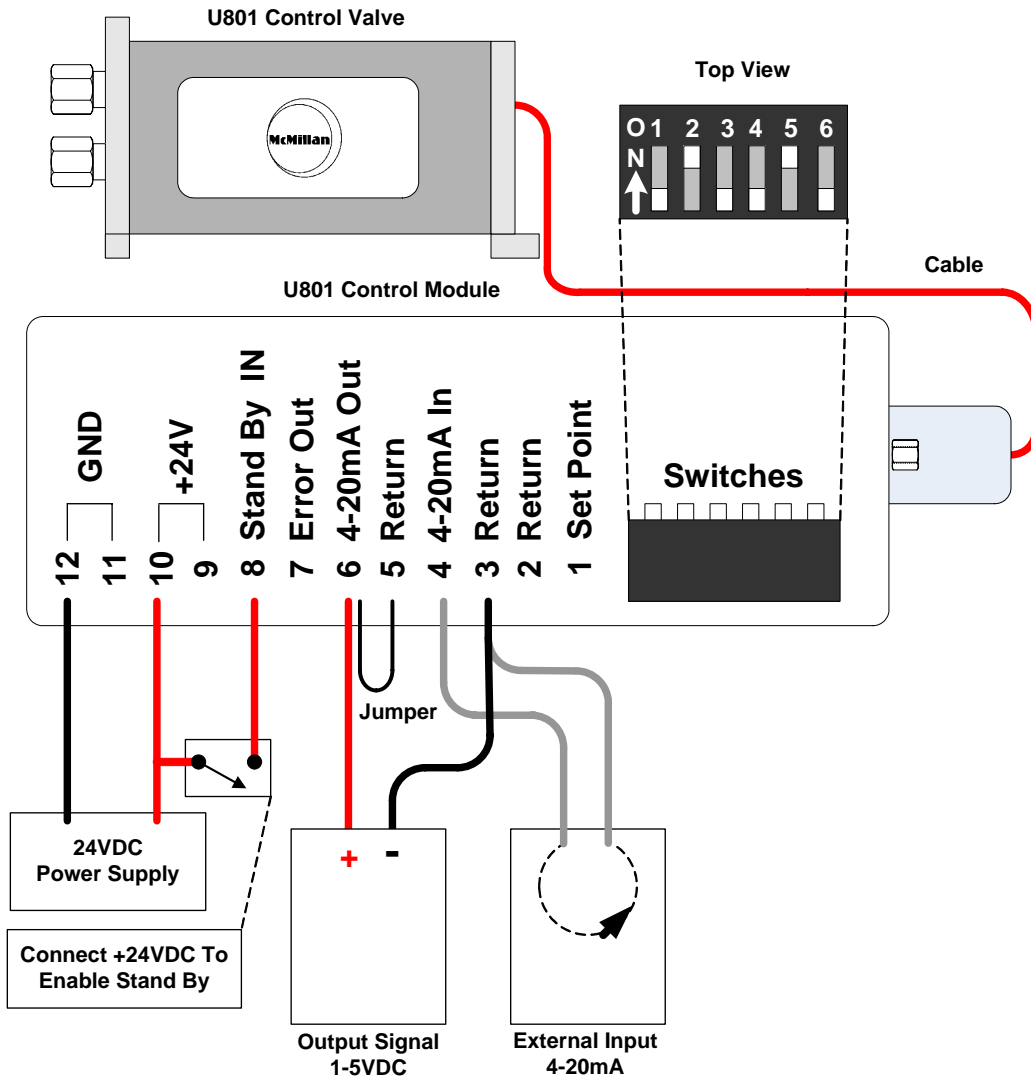
Comments

Figure 1 shows how this can be accomplished. Please note that the input/setpoint signal must still be 4-20 mA. In this configuration, the output signal will be 1 VDC at zero flow and 5 VDC at 100% rated flow. The resistance of any device connected to this voltage output should not be less than 5 Kohms.

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FIGURE 1



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