

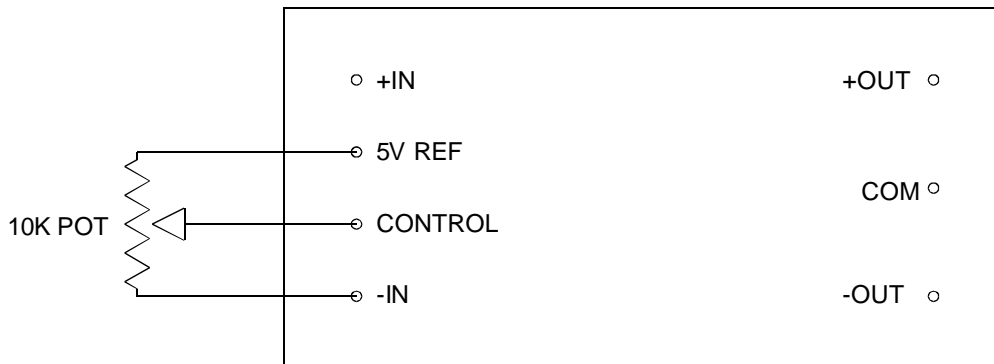


## CONTROL CIRCUIT FOR "M" SERIES

### Method 1 - Potentiometer

This method is the simplest method for controlling the M Series DC/DC Converter. Connect a 10K potentiometer as shown in the circuit to provide the maximum control range for the converter.

### SINGLE/DUAL



### Method 2 - Resistor Divider

This method is similar to method 1, but useful if a potentiometer is not readily available. Resistors can be calculated using the voltage divider equation, as shown. It is recommended that the reference be measured and the measured value be used in the equation, as the voltage may not be exactly 5V.

### SINGLE/DUAL

$$V_{control} = \frac{V_{ref} \times R2}{R1 + R2}$$

