

Output Considerations

Voltage Temperature Coefficients and Setpoints

Voltage Temperature Coefficients

Voltage limits for full featured parts shown in the MDI catalog are the nominal 25°C values. At temperatures outside 25°C, the output voltages may vary with case temperature in the following way:

Main regulated output: +/- 100 PPM/°C maximum

Linear regulated output: +/- 250 PPM/°C maximum

Cross regulated output: +/- 1000 PPM/°C maximum

The main regulated output for single and dual output converters is the output. For a triple output converter, the main regulated output is usually the high current +5 VDC. Different temperature coefficients may be obtained on special order.

Voltage setpoint tolerances are +/-1 percent or +/-100mV whichever is greater at nominal input voltage and full rated load, 25°C.