

UDC5000 TAC Tip

Problem: No control current output

Check Model number:

Model number is a DC5062- or DC5067-

Check Configuration:

Configuration parameters in ALGORITHM group.

CONT ALG = PID A

Configuration parameters in OUTPUT group.

OUT ALG = CURRNT

Check Wiring:

Terminal 14 is positive and Terminal 15 is negative.

Check output:

Place a 250 ohm resistor across Terminal 14 and Terminal 15.

**In MANUAL mode vary the output from 0 to 100%
using the ▲ ▼ keys.**

Check for a voltage change of 1 to 5 Volts.

Check Output Calibration:

Press SETUP key to TUNING

Set LOCKOUT = NONE

Press SETUP Key to CALIB CURRNT

Check ZERO VALUE = 188 +/- 20

Check ZERO VALUE output = 1 Volt

Check SPAN VALUE = 925 +/- 20

Check SPAN VALUE output = 5 Volts