



UDC 3200 Application Note

Problem: No current output

Check Model number:

Model number is a DC320X-**C**X-

Check Configuration:

Configuration parameters in OUTPUT group.

OUT ALG = CURRENT

CO RANGE = 4-20mA

Check Wiring:

Terminal 19 is positive and Terminal 21 is negative.

Check output:

Place a 250 ohm resistor across Terminal 19 and Terminal 21.

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

Check for a voltage change of 1 to 5 Volts DC.

Check Output Calibration:

Press SETUP key to TUNING

Set LOCKOUT = NONE

Press SETUP Key to CALIB

CURRENT

Check ZERO VALUE = 3011 +/- 100

Check ZERO VALUE output = 1 Volt DC

Check SPAN VALUE = 14740 +/- 100

Check SPAN VALUE output = 5 Volts DC