

SUBJECT: UDC1000/1500 Current Output Calibration

It is not at all easy to calibrate the current output on the UDC1000. There is a single potentiometer on the output which adjusts the span of the output - that is all. The pot is not accessible from outside the case.

Procedure:

Take a spare case and remove the plastic 'body band' section, leaving only the rear terminal block. Plug the product into the terminal block (avoid electrocution!) with the plug-in board in output 3 position with the product set up to give 20ma output (this is easily achieved by setting the retransmitted variable as SP and setting SP itself to range max). Invert the product to allow access to the potentiometer from above. Adjust for 20ma output.

If it is the primary output that requires adjustment, then the pot is not at all easily accessible by the method described above the plug-in output. You would need a specially angled miniature screwdriver for this.

Again, if you try this - AVOID ELECTROCUTION!