

## **BF500 input adjustment**

If a BF500 input signal needs to re-adjust, please follow the following instruction.

### **Current input, 4-20mA**

- a) Set the input switches to accept 4-20mA input signal.
- b) With the input at minimum 4 mA, switch on the supply to a BF500.
- c) With the input at 4.5mA for 4-20mA input range (for other input range, set the input to 5% of the max. input), adjust ZERO POT until the output voltage or current is zero, no output.
- d) With the input at 6.0mA, the output voltage or current should start switching on.
- e) With the input at 19mA for 4-20mA input range (for other input range, set the input to 95% of the max. input), adjust SPAN POT until the output voltage or current is at maximum, fully on.
- f) With the input at 17.5mA, the output voltage or current is nearly fully on.
- g) Repeat step b) to e) until the output is at zero and max. corresponding to min. & max. inputs.

### **Voltage input, 0-10V**

- a) Set the input switch to accept 0-10V input signal.
- b) With the input at minimum 0V, switch on the supply to a BF500.
- c) With the input at 0.5V, adjust ZERO POT until the output voltage or current is zero, no output.
- d) With the input at 1.5V, the output voltage or current should start switching on.
- e) With the input at 9.5V, adjust SPAN POT until the output voltage or current is at maximum, fully on.
- f) With the input at 8.5V, the output voltage or current is nearly fully on.
- g) Repeat step b) to e) until the output is at zero and max. corresponding to min. & max. inputs.