

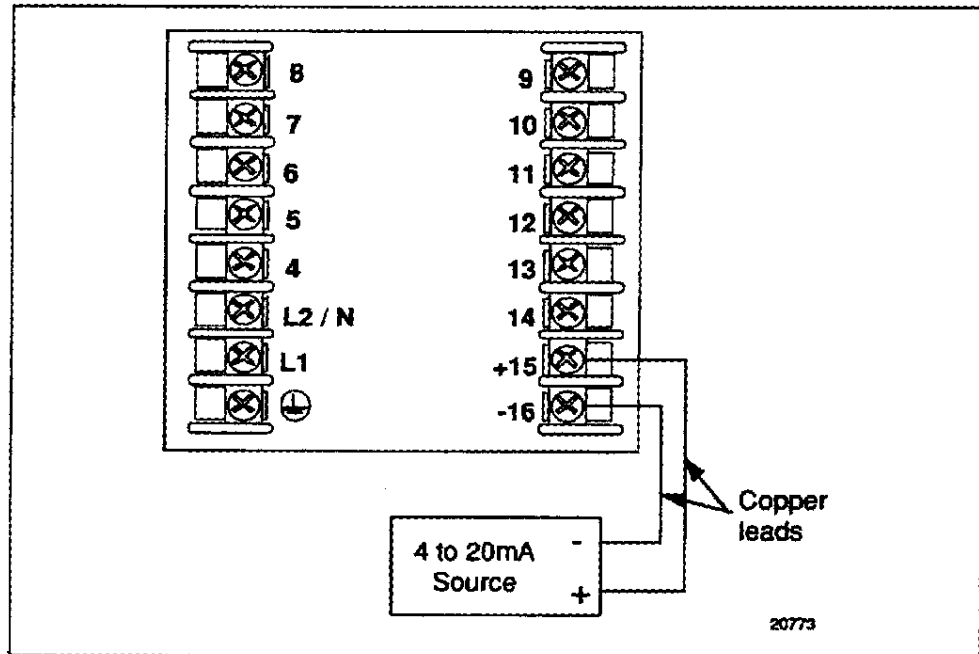
7.6 Input #2 Set Up Wiring

4 to 20 mA Inputs

For 4 to 20 mA inputs:

- Use the copper leads and connect the calibrator to the rear terminals of Input #2 (see Figure 7-7).
- Install a jumper on pins 4-20 mA of J8 on the Transformer/Option board (see Section 2 - "Installation").

Figure 7-7 Wiring Connections for 4 to 20 mA Input – Input #2



Continued on next page

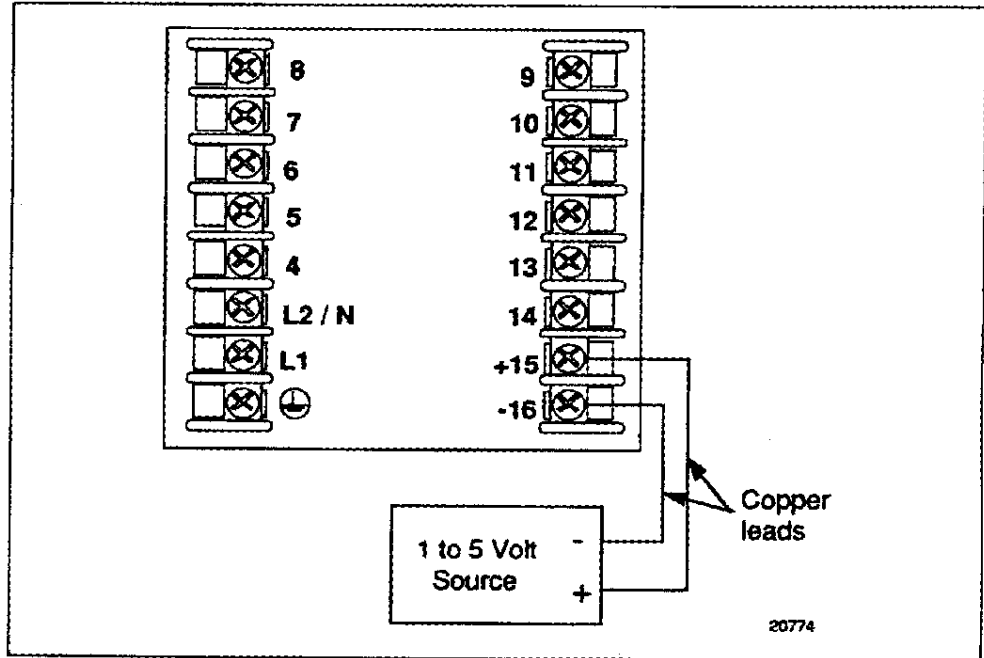
7.6 Input #2 Set Up Wiring, Continued

1 to 5 volt inputs

For 1 to 5 volts inputs:

- Use the copper leads and connect the calibrator to the rear terminals of Input #2 (see Figure 7-8).
- Install a jumper on pins 1-5V of J8 on the Transformer/Option board.

Figure 7-8 Wiring Connections for 1 to 5 Volt Input – Input 2



7.7 Input #2 Calibration Procedure

Preliminary steps

- Apply power and allow the controller to warm up for 15 minutes before you calibrate.
- Please read “*Subsection 7.4 – Set Up Wiring*” before beginning the procedure.
- Make sure you have “LOCKOUT” set to “NONE.” See “*Subsection 3.6 – Tuning Parameters Set Up Group*”.

Procedure

The Calibration procedure for Input #2 is listed in Table 7-8.

Table 7-8 Input #2 Calibration Procedure


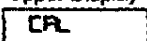
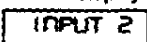







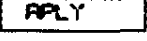

Step	Description	Press	Action
1	Enter Calibration Mode	 until you see	Upper Display  Lower Display 
			You will see: Upper Display  Lower Display 
			You will see: Upper Display  Lower Display 
2	Calibrate 0%		You will see Upper Display  Lower Display  <ul style="list-style-type: none"> • Adjust your calibration device to an output signal equal to the 0% range value for your particular input sensor. • Wait 30 seconds, then go to the next step.

Table 7-8 is continued on next page

7.7

Input #2 Calibration Procedure, Continued

Table 7-8 Input #2 Calibration Procedure, Continued

Step	Description	Press	Action
3	Calibrate 100 %	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">FUNCTION</div>	<p>You will see</p> <p>Upper Display</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">RPLY</div> <p>Lower Display</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">IN2SPN</div> <ul style="list-style-type: none"> • Adjust your calibration device to an output signal equal to the 100% range value for your particular input sensor. • Wait 30 seconds, then go to the next step.
4	Exit the Calibration Mode	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">FUNCTION</div>	The controller will store the calibration constants.
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">DISPLAY</div>	To store the calibration constants and exit the calibration mode.