Setting up the 9840 Load Cell Indicator

(1)



Before starting anything, be sure to first plug in the sensor(s) you will be using.

(2)



To turn on the 9840 Load Cell Connector, reach behind in the back corner and flip the switch up.

(4)



As it starts up, you will see a series of screens introducing you to the 9840 Load Cell Connector and displays of the settings from its last use.



In starting out, you will see ">User Data Entry" on the screen. To enter setup mode, press the two end buttons at the same time (◀ and ►).

Before you can enter the calibration settings, you will be required to enter a password.







Enter the password "888" by pressing
+ or — to select the numbers while
pressing ◄ to move to the next digit.
Then press ENTER.

(5)



After being brought to the next screen, press ► 'till you get to the ">Calibration" option and then press ENTER.

(7)



Select the measurement cell type that you are using. For this example, we are using a load cell, so we select "Load". Then press **ENTER**.



Press ► until you get to the ">>Cal by mV/volt" option and then press ENTER.

(9)



Using ►, select ">>>2-Point mV/V Cal" and then press ENTER.



(10)

Enter the cell's serial number by using the
+ or — signs then ◄ for the next digit.
When you're finished, press ENTER.









Enter the month using the + or — and then ◀ for the next digit(s). Do the same for the day and year, and press **ENTER** after each one.

(12)



Select the necessary unit of measure and press **ENTER**.

(13)





Next, you will need to refer to the sensor's Calibration Certificate. In it, identify the value for the max capacity and enter it into the 9840 using the same buttons: +, -, \triangleleft , and \triangleright . For this example, the max capacity of the 1210AF is 10K,

so we enter "10000" and then press ENTER.

*Or you can enter the appropriate SEB Output Value as your full-scale output value.



Enter the voltage excitation

using buttons +, -, < , and >.

T hen press ENTER.

(15)

For the next display, you will be required to enter the mV/V for the full-scale output of the direction that you are going to use. In this example, we will pick "Tension".



We see that the value of 4.07906 is the full-scale mV/V, correlating with the max capacity of 10K that we entered earlier.



With that information from the calibration certificate, enter the full-scale mV/V using

buttons +, —, ◀, and ►. Then press **ENTER**. (16)



Check that there are no masses (no load) affecting the sensors so as to be sure that calibration begins with a zero balance. When ready, press **ENTER.**

(17)



While the screen is displaying "Reading...", the 9840 is calibrating. Wait for just a few seconds for it to finish...

(18a)



Calibration setup is now complete.

(18b)



To return to the main menu, press ESC.