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S. Himmelstein and Company
700 Series Instruments
Abbreviated Remote Calibration Procedure

To perform a shunt calibration with a transducer connected to the 700 Series Instrument, perform the front panel key press procedure as follows:

Press Menu key

Press Right Arrow, display should show "Channel Calibration"

Press Down Arrow, display should show "CH1 Calibration"

Press Down Arrow, Select Remote-Pos/Neg for Type of Cal *(If Remote-Pos/Neg is not shown, then press ENTER key. Display will now flash the selection. Change the selection by pressing the right or left arrow keys. Once the desired selection is displayed, press ENTER key again to make the selection and the display will no longer flash.)*

Press Right Arrow, display should show "Full Scale"

Enter Desired Transducer Full Scale Value *(To change value, press ENTER key. A flashing cursor will appear below the first character. The UP and DOWN arrows will change the values at the cursor position. The RIGHT and LEFT arrows will move the cursor. To change the decimal position, place the cursor below the decimal point. The UP and DOWN arrows will now move the decimal position. Once the proper value has been entered, press the ENTER key again, the cursor will disappear.)*

Press Right Arrow, display should show "Zero Value"

Enter Zero Value of 0.000 *(This should already be at 0.000 so no change should be necessary.)*

Press Right Arrow, display should show "+ Cal Value"

Enter +Cal Value in engineering units *(Change values as described above for full scale value.)*

Press Right Arrow, display should show "- Cal Value"

Enter -Cal Value in engineering units *(Change values as described above for full scale value.)*

Press Right Arrow, display should show "To Cal XDCR Press Enter"

Press Enter and respond to the prompts as it automatically goes through the calibration.

When it Displays Cal Done, press the Menu key to return to the operating display.

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To change the engineering unit legend display the procedure is roughly as follows:

Press Menu Key   -->   Display shows CHAN Settings
Press Down Arrow -->   Display shows CH1 Settings - CH1 flashing
Right and Left Arrows will allow you to select which channel number settings to program
Once you have the proper channel number displayed -
Press Down Arrow -->   Display shows Filter
Press Right Arrow -->   Display shows Limits
Press Right Arrow -->   Display shows Units
You can now program the engineering unit legend
Press Enter Key -->   Underscore/cursor will now be displayed.
Up and Down arrows will change the character being displayed, right and left arrows will move the cursor position.
Once completed, simply press the Enter key again and then the Menu key to exit the programming mode.

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