## Application Bulletin

## MODEL 1250 Quick Reference Programming Guide

NOTE: This guide is intended as a quick reference to programming the INCON Model 1250 Programmable Position Monitor.  It is intended as a supplement to the Installation and Programming Manual.  Be certain to review the manual and thoroughly familiarize yourself with programming details before attempting to program the device.

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| TO: | DO THIS: |
|---|---|
| 1. ACCESS THE MENU | Hold in the **MENU** key until display goes blank; then press **SELECT/ENTER** within four seconds. |
| 2. SCROLL THROUGH THE MENU | Press **UP ARROW** or **DOWN ARROW** key. |
| 3. ACCESS A PARTICULAR OPTION | Scroll to the desired option; then press **SELECT/ENTER**. Menu options are of three types: Function, Condition Toggle, and Variable Entry.  Variable Entry options are of two types: Integer and Decimal. |
| 4. EXECUTE A FUNCTION OPTION | When the desired option is accessed (see #3 above), the 1250 displays a confirming identifier or "prompt".  Press **SELECT/ENTER** to execute the function or **MENU** to return to the menu without executing the function. |
| 5. CHANGE A CONDITION TOGGLE OPTION | When the desired option is accessed (see #3 above), the 1250 will display the current setting of the toggle (ON or OFF). Press **MENU** at any time to return to the menu without changing the toggle condition.  Use the **UP** or **DOWN ARROW** keys to change the condition to **ON** or **OFF**.  Press **SELECT/ENTER** key to enter the chosen condition into memory. |
| 6. ENTER AN INTEGER VARIABLE | When the desired option is accessed (see #3 above), the 1250 displays the currently programmed value of that option. Press **MENU** at any time to return to the menu without changing the value.  To enter a new value, use the **UP ARROW** or **DOWN ARROW** key to scroll up or down through the available values.  Then press **SELECT/ENTER** when the desired value is displayed. |

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| 7. ENTER A DECIMAL VARIABLE | When the desired option is accessed (see #3 above), the 1250 displays the mantissa of the currently programmed value (current value without the decimal point displayed). With the first digit flashing, press **MENU** at any time to return to the menu without changing this value. To enter a new value, use the **UP ARROW OR DOWN ARROW** key to change the digit. Press the **SELECT/ENTER** key to select the next digit. After all digits have been set, the decimal point will appear. Use the **UP ARROW** key to move the decimal point to the right, or the **DOWN ARROW** key to move the decimal point to the left. Press the **SELECT/ENTER** key to store the decimal point position. The display will read "POS" or "Neg", indicating that the value is a positive or negative number. Press the UP or DOWN ARROW keys to change the sign ("Neg" or "POS"). Press **SELECT/ENTER** key to store the value and return to the menu. |
|---|---|
| 8. GO TO THE RUN STATE FROM THE PROGRAM STATE | Scroll to Menu Option #0 and press **SELECT/ENTER**. The display will show RUN. Press **SELECT/ENTER** again. |

## MENU OPTION SUMMARY

### (Operating Modes Only)

| Option# | Description | Option# | Description |
|---|---|---|---|
| **BASIC OPTIONS** | | **SETUP OPTIONS** | |
| 0 | Enter RUN state | 50 | Display Sleep Mode  ON/OFF |
| 2 | Set Operating Mode | 53 | "FA25" Auto Reset  ON/OFF |
| **SCALED MODE** | | **SEGMENTED MODE** | |
| 3 | Set Counts per Turn | 20 | Set Number of Segments |
| 4 | Set Left Digits | 21 | Set Degrees Per Segment |
| 5 | Set Analog Minimum Position | 22 | Set Number of Neutrals |
| 6 | Set Analog Maximum Position | 23 | Set Neutral Start Segment |
| 17 | Set Preset | 27 | Set Preset program |
| 18 | Load Preset | 28 | Load preset |
| 19 | Clear preset | | |

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