TECH NOTES

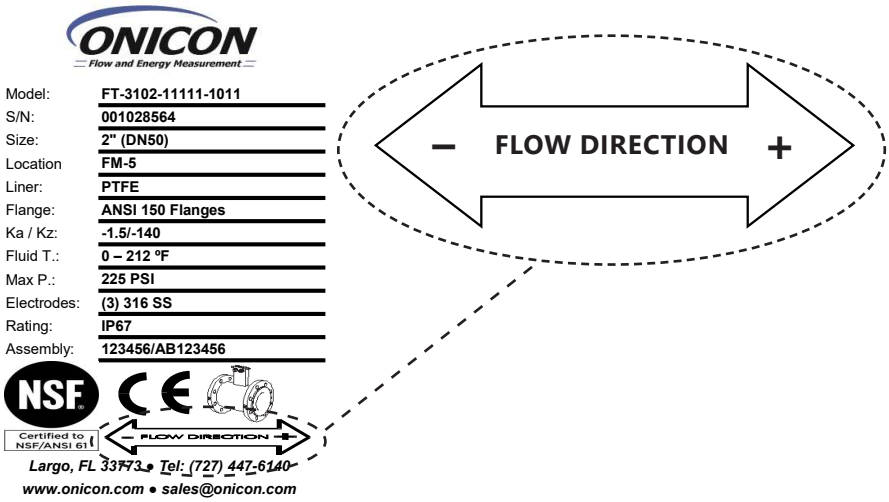
FT-3000 Series Electromagnetic Flow Meters

CHANGING FLOW DIRECTION ON THE DISPLAY

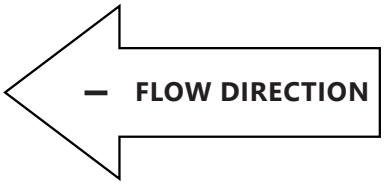
OVERVIEW

The flow direction arrow on the neck of the FT-3000 Series flow meter indicates the positive (+) and negative (-) direction of flow. Flow moving in the positive (+) direction will show a positive (+) value on the display, flow moving in the negative (-) direction will show a negative (-) value on the display.

If the meter is installed such that the actual flow is opposite that indicated by the label, the output of the meter and the values displayed can be reversed (so the meter does not have to be physically turned). We suggest attaching a note to the meter indicating that this was done.



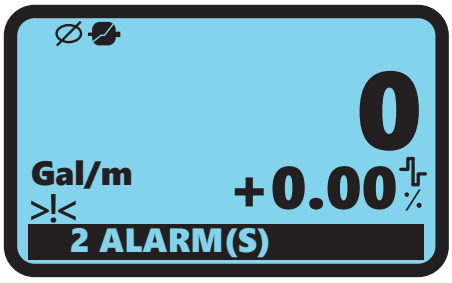
Flow in this direction will display as a positive (+) on the LCD.



Flow in this direction will display as a negative (-) on the LCD.

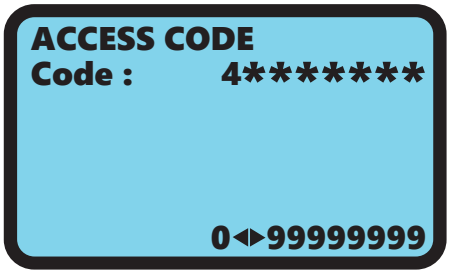
PROCEDURE

Access to the programming menus is password protected. The factory default access code is: 4********. To change the flow meter direction on the display:

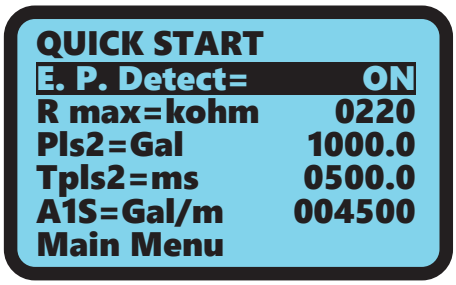


1. From the main screen, quickly press the ENTER ESC key.

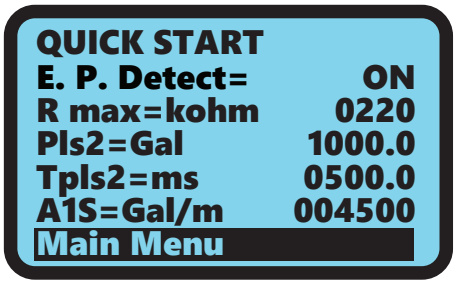
PROCEDURE (CONTINUED)



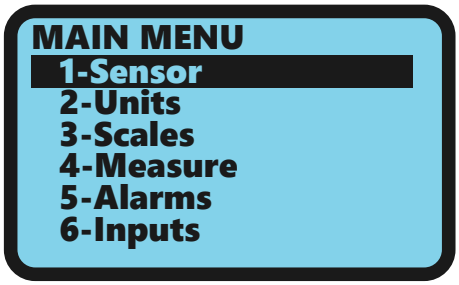
2. Enter the access code.



3. Press ENTER/ESC to access the Quick Start menu.



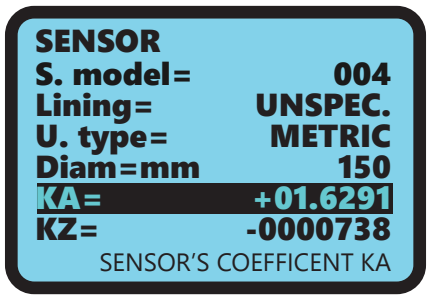
4. From Quick Start menu, push ◄► repeatedly until Main Menu is highlighted. Quickly press the ENTER/ESC key to access the Main Menu.



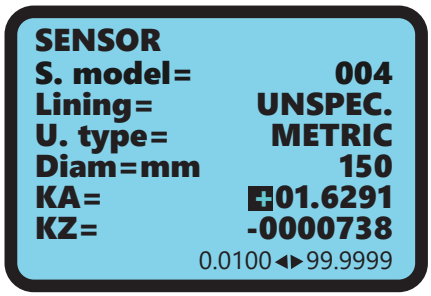
ENTER/ESC

5. Press to select option **1-Sensor**.

PROCEDURE (CONTINUED)

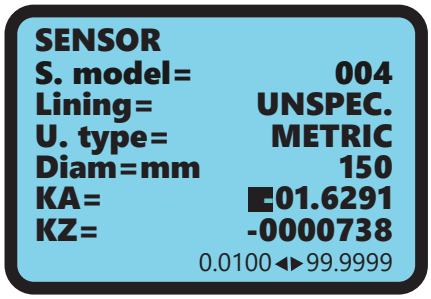


6. Move the cursor down to select KA = ±XX.XXXX, then press the key to select the KA option. The cursor will highlight the sign of the KA value. Write down the KA value.

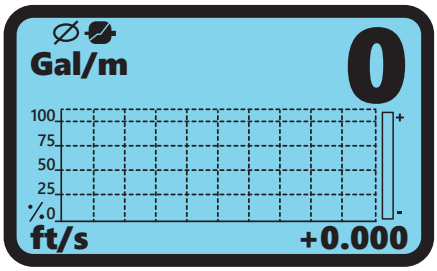


7. Press the up arrow key to change the sign to the opposite sign.

IMPORTANT NOTE
DO NOT change the value of the KA.



8. Press the key to save the change and the cursor will move back to KA, then press and briefly hold the key and the display will go back to **1-Sensor** menu.



9. Press and briefly hold the key again and the meter will go back to the Main Menu. The plus (+) and minus (-) flow direction through the meter body will now be reversed.