

## FuelCell Addendum – Adjusting Current Display Resolution

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### Introduction

FuelCell versions 3.5 and later have an option function that will adjust the number of significant digits used to display measured current values.

### Procedure

1) To manually adjust the display resolution:

Open the “fuelcell.ini” file using Notepad (if the computer controls dual stations, the ini files for each station must be modified).

In the [CalibrateI] section, add the Meter=X setting as shown below.

```
[CalibrateI]
Meter=4
;Maximum of 25 calibration points
;CalCol1=CurrentA
;CalCol2=Unused (must be zero)
;CalCol3=iRDelayTimeuSec
1=0,0,30
2=.5,0,30
```

Save the file and close Notepad.

2) How it works:

FuelCell normally selects a display resolution based on the maximum current range of the unit and the amount of current actually flowing. This process attempts to show all digits within the rated accuracy of the unit without displaying meaningless extra digits.

The Meter setting can be used to override the automatic selection.

Meter=1:	Displays current as 0.0
Meter=2:	Displays current as 0.00
Meter=3:	Displays current as 0.000
Meter=4:	Displays current as 0.0000

Note: No more than 5 significant digits will be displayed. For example, if Meter=4 is selected, the following currents would be displayed: 1.2345, 12.345, 123.45, 1234.5.