

Calibration appearing within Logged Data

In order to maintain the high accuracy of the logger, periodic calibrations take place which, in some circumstances, are visible in the data as 'Calibration' when sampling is continuous (when the Sample Interval is one second for example).

When sampling continuously, the logger will self-calibrate every 5 minutes. If more than 7 inputs are sampled on in Normal mode (10 readings per second) or more than 17 inputs are sampled on in Double Speed mode (20 readings per second) then the calibration will be shown in the data.

Note: that the numbers of inputs shown are related to different numbers of input blocks depending on logger type as follows:

1F8 blocks A to D

2F8 blocks A & B and blocks C & D

2F16 blocks A to D and blocks G to K

4F16 blocks A & B, blocks C & D, blocks G & H and blocks J & K.

This means that the 'Calibration' message may be avoided by distributing the inputs amongst the input blocks.

For example: if it is required to sample 12 inputs in normal mode on a 2F8 then it would be better to have 6 inputs on blocks A & B and 6 inputs on blocks C & D rather than to have 10 inputs on blocks A & B and 2 inputs on blocks C & D.

Affects of having 'Calibration' in the data

If the OMEGALOG[®] analysis package is being used to look at the data, this will make no difference to the graph being displayed as OMEGALOG[®] compensates for this.

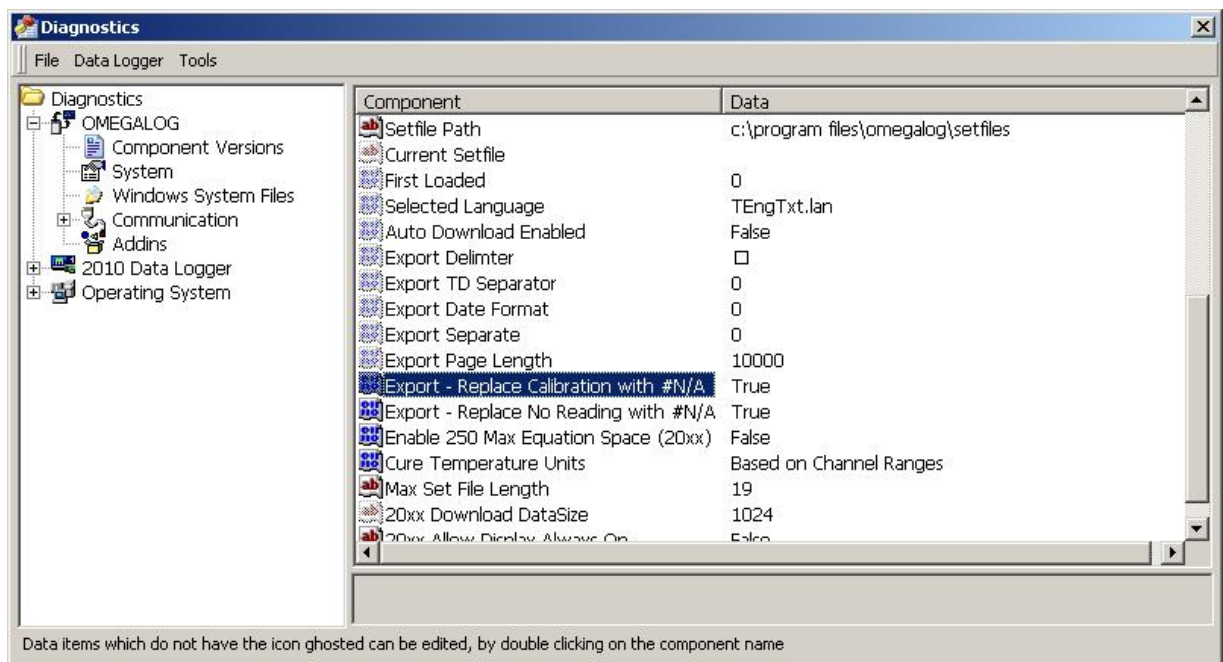
If data is being exported to excel then this will affect any graphs or calculations being produced.

It is possible within OMEGALOG[®] to change these 'Calibrations' to #N/A so that they will not be recognised by excel after the data is exported.

This can be achieved in the OMEGALOG[®] Assistant going to *Tools* and then *Diagnostics*. The below screen will open.

Then expand OMEGALOG[®] and click on *System*.

Double click on *Export – Replace Calibration with #N/A* this will then change from False to True



Once this has been set the data can be exported as normal and #N/A will be displayed instead of Calibration.