

## Engineering Note: EN0091 Hydro-Mix HT Sensor Factory Default Parameters

Summary: Hydro-Mix HT Sensor Factory Default Parameters

Products affected: Hydro-Mix HT, Model number HMHT01

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This Engineering Note lists the parameter values that should be used to restore the Hydro-Mix HT (model HMHT01) units back to the factory default settings.

**This table applies only to Hydro-Mix HT sensors that have the following firmware versions.  
Software HS0102 Version 1.00 or later**

| Parameter                | HM08 Default      |             |
|--------------------------|-------------------|-------------|
| Output type              | 0-20mA (0-10V)    |             |
| Output variable 1        | Filtered Unscaled |             |
| Measurement Mode         | Mode F            |             |
| Output variable 2        | Material Temp     |             |
| High %                   | 20.00             |             |
| Low %                    | 00.00             |             |
| Input Use 1              | Mois. / Temp      |             |
| Input/output Use 2       | Unused            |             |
| Unscaled Type            | Mode F            |             |
| Unscaled 2 Type          | Mode E            |             |
| Filtering time           | 7.5               |             |
| Slew rate +              | Light             |             |
| Slew rate -              | Light             |             |
| DSP Filter               | Unused            |             |
| Filter Include           | -5.0              |             |
| Average hold delay       | 0 sec             |             |
| Averaging Mode           | RAW               |             |
| High limit (m%)          | 30.00             |             |
| Low limit (m%)           | 0.00              |             |
| High limit (us)          | 100.00            |             |
| Low limit (us)           | 0.00              |             |
| Auto Track Time          | 0                 |             |
| Auto Track Max Deviation | 0.00              |             |
|                          | Freq. Co          | Ampl. Co    |
| Electronics temp. coeff  | Factory set       | Factory set |
| Resonator temp. coeff    | Factory set       | Factory set |
| Material temp. coeff     | 0.00000           | 0.00000     |

| <b><i>Legacy calibration</i></b>   | <b><i>Moisture</i></b>  |
|------------------------------------|-------------------------|
| A                                  | 0.0000                  |
| B                                  | 0.0000                  |
| C                                  | 0.0000                  |
| SSD                                | 0.00                    |
| <b><i>Material calibration</i></b> | <b><i>All Modes</i></b> |
| A                                  | 0.0000                  |
| B                                  | 0.0000                  |
| C                                  | 0.0000                  |