

### Engineering Note: EN0097 SE03 Sensor Factory Default Parameters

Summary: SE03 Sensor Factory Default Parameters

Products affected: Hydro-Probe SE03, Model Number SE03

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This Engineering Note lists the parameter values that should be used to restore Hydro-Probe SE03 units back to the factory default settings.

**This table applies only to SE03 sensors that have the following firmware versions: Software HS0102 Version 1.10 or later.**

Parameter	HPSE Default	
Output type	4-20mA (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	1.0	
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	0.0000
<b><i>Legacy calibration</i></b>	<b><i>BRIX</i></b>
A	0.0000
B	0.0000
C	0.0000
D	0.0000
<b><i>Material calibration</i></b>	<b><i>All Modes</i></b>
A	0.0000
B	0.0000
C	0.0000