

Engineering Note: EN0071 Hydro-Probe XT Sensor Factory Default Parameters

Summary: Hydro-Probe XT Sensor Factory Default Parameters

Products affected: Hydro-Probe XT, Model Number HPXT

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

This table applies only to HPXT sensors that have the following firmware versions:

Software HS0089 Version 1.06 or later

Parameter	HPXT Default	
Output type	0-20mA (0-10V)	
Output variable 1	Filtered Unscaled	
Output variable 2	Material Temp	
High %	20.00	
Low %	00.00	
Input Use 1	Avg. / Hold	
Input/output Use 2	Unused	
Unscaled Type	Mode V	
Unscaled 2 Type	Mode E	
Smoothing time	1.0	
Slew rate +	Light	
Slew rate -	Light	
Digital Signal Processing	Unused	
Material calibration	Moisture	
A	0.0000	
B	0.2857	
C	-4.0000	
SSD	0.00	
Average hold delay	0.5 sec	
High limit (m%)	30.00	
Low limit (m%)	0.00	
High limit (us)	100.00	
Low limit (us)	0.00	
	Freq. Co	Ampl. Co
Electronics temp. coeff	0.0059	0.0637
Resonator temp. coeff	Set by test	Set by test
Material temp. coeff	0.00000	0.00000