

Accsense Factory Installed Calibration Coefficients

Rev C – 9/24/2007

Calibration Coefficients Table					
Sensor	Calibration Coefficients				
	1 Intercept	2 Slope	3	4	Units
4-20 mA	0	.020345	0	0	mA
0-5 V	0	.0048828	0	0	Volts
Acoustic	100	-.097752	0	0	%
Digital & Event Counter					
Digital Input 1	0	1	0	0	
Digital Input 2	0	1	0	0	
Digital Output 1	0	1	0	0	
Digital Output 2	0	1	0	0	
Digital 1	0	1	0	0	
Digital 1 – Event Count	0	1	0	0	
Digital 1 - Open Time	0	.001	0	0	
Digital 2	0	1	0	0	
Digital 2 - Event Count	0	1	0	0	
Digital 2 – Open Time	0	.001	0	0	
Event Counter	0	1	0	0	
Humidity	-4	.0405	-.0000028	0	% RH
Light					
A1-01, -03	0	.097752	0	0	%
A1-01a, -03a	0	.00468106	0	0	Lux
Supply Voltage					
A1-01 thru A1-07	0	.0048828	0	0	Volts
A1-01a thru A1-07a	0	.0073242	0	0	
A1-08 thru -12	0	.0073242	0	0	
A1-13 thru A1-14	0	.0073242	0	0	
Temperature					
A1-01, -03, -05	-39.6	.01	0	0	°C
A1-02, -06 thru -12	158.36	-.20743	0	0	
A1-13, -14	-128	.0625	0	0	
Thermocouple (Type K) Full Scale					
A1-02	1.233765E+03	1.562649	5.028769E+04	-3.20208E-07	°C
A1-02a	1.233765E+03	-.3906623	3.142981E-05	-5.094074E-09	
Thermocouple (Type T) Range: -200 to -50					
A1-02b	-.90	-.5319	3.2684E-04	-5.2171E-08	°C
Thermistor	113.719	-.33	.000438	-2.573 E-07	°C
RTD					
A1-02, 06	-244.806034	.714371	8.28744E-05	1.63706E-08	°C
A1-02a, A1-06a	-106.9889	.0821270	1.059215E-06	1.567287E-11	
A1-02b, A1-06b	-211.8642	.09311784	2.563E-06	-1.1604E-10	
A1-13 & 14	255.031	-.01633	2.18E-08	3.875E-13	
Vibration	100	-.097752	0	0	% of 6 Gs

Table based on the following reference documents:

1. defmeascfg configuration settings - dated 9/24/2007
2. def_pod_type-0### configuration settings

For more detailed information on Calibration Coefficients, please refer to the full Accsense Manual. It can be found online under the Documentation Section.