Modbus table				
Address	**Name**	**Type**	**Description**	**Unit**
			Main status	
6	Firmware version	uint32	Current firmware version	
			byte 0 - main minor version (for bug correction)	
			byte 1 - main major version (changes when added new functionality)	
			byte 2 - sub minor verison (for bug correction of intermediate version)	
			byte 3 - sub major version (used for intermediate version)	
12	Hardware version	uint16	Hardware version Minor version on lower byte, Major version on upper byte	
			byte 0 - minor version	
			byte 1 - major version	
16	Serial number	char16	Serial number from production line	
			VSYA01-BACD (last 4 characters match the last 4 mac address digits)	
38	Power on time	unit32	Time elapsed since last power-cycle	sec
42	CPU temperature	float	MCU junction temperature	C
			Hardware status	
200	CH1 HW error	uint32	Diagnostic error code for HW of main ADC CH1 (each bit signals an error)	
			b0 - Communication with main ADC failure	
			b1 - Acquisition timeout main ADC	
202	CH2 HW error	uint32	Diagnostic error code for HW of main ADC CH2 (each bit signals an error)	
			b0 - Communication with main ADC failure	
			b1 - Acquisition timeout main ADC	
204	CH3 HW error	uint32	Diagnostic error code for HW of main ADC CH3 (each bit signals an error)	
			b0 - Communication with main ADC failure	
			b1 - Acquisition timeout main ADC	
206	CH4 HW error	uint32	Diagnostic error code for HW of main ADC CH4 (each bit signals an error)	
			b0 - Communication with main ADC failure	
			b1 - Acquisition timeout main ADC	
			Current values	
10000	Digital Input 1	float	Digital Input 1 value, 1 or 0 for static, RPM value for speed	RPM
10002	Digital Input 1 HZ	float	Digital Input 1 value, Hz value for speed (only used in speed mode)	Hz
10004	Digital Input 2	float	Digital Input 2 value, 1 or 0 for static, RPM value for speed	RPM
10006	Digital Input 2 HZ	float	Digital Input 2 value, Hz value for speed (only used in speed mode)	HZ
10008	Analog Input 1	float	Analog Input 1 value, current	mA
10010	Analog Input 2	float	Analog Input 2 value, current	mA
10012	Current Source 1	float	Current Source 1 value in mA	mA
10014	Current Source 2	float	Current Source 2 value in mA	mA
10016	Current Source 3	float	Current Source 3 value in mA	mA
10018	Current Source 4	float	Current Source 4 value in mA	mA

Address	Name	Type	Description	Unit
			Channel 1	
12030	DC	float	DC Voltage	V
12032	Overall	float	Overall raw vibration value	g-pk
12034	Band_2_1k_A_RMS	float	Filtered vibration value between 2 and 1000 Hz; Acceleration RMS	g-rms
12036	Band_10_1k_A_RMS	float	Filtered vibration value between 10 and 1000 Hz; Acceleration RMS	g-rms
12038	Band_10_5k_A_RMS	float	Filtered vibration value between 10 and 5000 Hz; Acceleration RMS	g-rms
12040	Band_10_10k_A_RMS	float	Filtered vibration value between 10 and 10000 Hz; Acceleration RMS	g-rms
12042	Band_2k_10k_A_RMS	float	Filtered vibration value between 2 and 10000 Hz; Acceleration RMS	g-rms
12044	Band_2_1k_A_Pk	float	Filtered vibration value between 2 and 1000 Hz; Acceleration Peak	g-pk
12046	Band_10_1k_A_Pk	float	Filtered vibration value between 10 and 1000 Hz; Acceleration Peak	g-pk
12048	Band_10_5k_A_Pk	float	Filtered vibration value between 10 and 5000 Hz; Acceleration Peak	g-pk
12050	Band_10_10k_A_Pk	float	Filtered vibration value between 10 and 10000 Hz; Acceleration Peak	g-pk
12052	Band_2k_10k_A_Pk	float	Filtered vibration value between 2 and 10000 Hz; Acceleration Peak	g-pk
12054	Band_2_1k_V_RMS	float	Filtered vibration value between 2 and 1000 Hz; Velocity RMS	mm/s-rms
12056	Band_10_1k_V_RMS	float	Filtered vibration value between 10 and 1000 Hz; Velocity RMS	mm/s-rms
12058	Band_10_5k_V_RMS	float	Filtered vibration value between 10 and 5000 Hz; Velocity RMS	mm/s-rms
12060	Band_10_10k_V_RMS	float	Filtered vibration value between 10 and 10000 Hz; Velocity RMS	mm/s-rms
12062	Band_2_1k_V_Pk	float	Filtered vibration value between 2 and 1000 Hz; Velocity Peak	mm/s-pk
12064	Band_10_1k_V_Pk	float	Filtered vibration value between 10 and 1000 Hz; Velocity Peak	mm/s-pk
12066	Band_10_5k_V_Pk	float	Filtered vibration value between 10 and 5000 Hz; Velocity Peak	mm/s-pk
12068	Band_10_10k_V_Pk	float	Filtered vibration value between 10 and 10000 Hz; Velocity Peak	mm/s-pk
12070	1xHarmonic_V	float	Filtered vibration value on 1xRPM; Velocity RMS	mm/s-rms
12072	2xHarmonic_V	float	Filtered vibration value on 2xRPM; Velocity RMS	mm/s-rms
12074	3xHarmonic_V	float	Filtered vibration value on 3xRPM; Velocity RMS	mm/s-rms
12076	Not_1xHarmonic_V	float	Filtered vibration value on all except 1xRPM; Velocity RMS	mm/s-rms
12078	SumHarmonics_1_2_3	float	Calculated value from the sum of 1x, 2x and 3x; Velocity RMS	mm/s-rms

Address	Name	Type	Description	Unit
			Channel 2	
14030	DC	float	DC Voltage	V
14032	Overall	float	Overall raw vibration value	g-pk
14034	Band_2_1k_A_RMS	float	Filtered vibration value between 2 and 1000 Hz; Acceleration RMS	g-rms
14036	Band_10_1k_A_RMS	float	Filtered vibration value between 10 and 1000 Hz; Acceleration RMS	g-rms
14038	Band_10_5k_A_RMS	float	Filtered vibration value between 10 and 5000 Hz; Acceleration RMS	g-rms
14040	Band_10_10k_A_RMS	float	Filtered vibration value between 10 and 10000 Hz; Acceleration RMS	g-rms
14042	Band_2k_10k_A_RMS	float	Filtered vibration value between 2 and 10000 Hz; Acceleration RMS	g-rms
14044	Band_2_1k_A_Pk	float	Filtered vibration value between 2 and 1000 Hz; Acceleration Peak	g-pk
14046	Band_10_1k_A_Pk	float	Filtered vibration value between 10 and 1000 Hz; Acceleration Peak	g-pk
14048	Band_10_5k_A_Pk	float	Filtered vibration value between 10 and 5000 Hz; Acceleration Peak	g-pk
14050	Band_10_10k_A_Pk	float	Filtered vibration value between 10 and 10000 Hz; Acceleration Peak	g-pk
14052	Band_2k_10k_A_Pk	float	Filtered vibration value between 2 and 10000 Hz; Acceleration Peak	g-pk
14054	Band_2_1k_V_RMS	float	Filtered vibration value between 2 and 1000 Hz; Velocity RMS	mm/s-rms
14056	Band_10_1k_V_RMS	float	Filtered vibration value between 10 and 1000 Hz; Velocity RMS	mm/s-rms
14058	Band_10_5k_V_RMS	float	Filtered vibration value between 10 and 5000 Hz; Velocity RMS	mm/s-rms
14060	Band_10_10k_V_RMS	float	Filtered vibration value between 10 and 10000 Hz; Velocity RMS	mm/s-rms
14062	Band_2_1k_V_Pk	float	Filtered vibration value between 2 and 1000 Hz; Velocity Peak	mm/s-pk
14064	Band_10_1k_V_Pk	float	Filtered vibration value between 10 and 1000 Hz; Velocity Peak	mm/s-pk
14066	Band_10_5k_V_Pk	float	Filtered vibration value between 10 and 5000 Hz; Velocity Peak	mm/s-pk
14068	Band_10_10k_V_Pk	float	Filtered vibration value between 10 and 10000 Hz; Velocity Peak	mm/s-pk
14070	1xHarmonic_V	float	Filtered vibration value on 1xRPM; Velocity RMS	mm/s-rms
14072	2xHarmonic_V	float	Filtered vibration value on 2xRPM; Velocity RMS	mm/s-rms
14074	3xHarmonic_V	float	Filtered vibration value on 3xRPM; Velocity RMS	mm/s-rms
14076	Not_1xHarmonic_V	float	Filtered vibration value on all except 1xRPM; Velocity RMS	mm/s-rms
14078	SumHarmonics_1_2_3	float	Calculated value from the sum of 1x, 2x and 3x; Velocity RMS	mm/s-rms

Address	Name	Type	Description	Unit
			Channel 3	
16030	DC	float	DC Voltage	V
16032	Overall	float	Overall raw vibration value	g-pk
16034	Band_2_1k_A_RMS	float	Filtered vibration value between 2 and 1000 Hz; Acceleration RMS	g-rms
16036	Band_10_1k_A_RMS	float	Filtered vibration value between 10 and 1000 Hz; Acceleration RMS	g-rms
16038	Band_10_5k_A_RMS	float	Filtered vibration value between 10 and 5000 Hz; Acceleration RMS	g-rms
16040	Band_10_10k_A_RMS	float	Filtered vibration value between 10 and 10000 Hz; Acceleration RMS	g-rms
16042	Band_2k_10k_A_RMS	float	Filtered vibration value between 2 and 10000 Hz; Acceleration RMS	g-rms
16044	Band_2_1k_A_Pk	float	Filtered vibration value between 2 and 1000 Hz; Acceleration Peak	g-pk
16046	Band_10_1k_A_Pk	float	Filtered vibration value between 10 and 1000 Hz; Acceleration Peak	g-pk
16048	Band_10_5k_A_Pk	float	Filtered vibration value between 10 and 5000 Hz; Acceleration Peak	g-pk
16050	Band_10_10k_A_Pk	float	Filtered vibration value between 10 and 10000 Hz; Acceleration Peak	g-pk
16052	Band_2k_10k_A_Pk	float	Filtered vibration value between 2 and 10000 Hz; Acceleration Peak	g-pk
16054	Band_2_1k_V_RMS	float	Filtered vibration value between 2 and 1000 Hz; Velocity RMS	mm/s-rms
16056	Band_10_1k_V_RMS	float	Filtered vibration value between 10 and 1000 Hz; Velocity RMS	mm/s-rms
16058	Band_10_5k_V_RMS	float	Filtered vibration value between 10 and 5000 Hz; Velocity RMS	mm/s-rms
16060	Band_10_10k_V_RMS	float	Filtered vibration value between 10 and 10000 Hz; Velocity RMS	mm/s-rms
16062	Band_2_1k_V_Pk	float	Filtered vibration value between 2 and 1000 Hz; Velocity Peak	mm/s-pk
16064	Band_10_1k_V_Pk	float	Filtered vibration value between 10 and 1000 Hz; Velocity Peak	mm/s-pk
16066	Band_10_5k_V_Pk	float	Filtered vibration value between 10 and 5000 Hz; Velocity Peak	mm/s-pk
16068	Band_10_10k_V_Pk	float	Filtered vibration value between 10 and 10000 Hz; Velocity Peak	mm/s-pk
16070	1xHarmonic_V	float	Filtered vibration value on 1xRPM; Velocity RMS	mm/s-rms
16072	2xHarmonic_V	float	Filtered vibration value on 2xRPM; Velocity RMS	mm/s-rms
16074	3xHarmonic_V	float	Filtered vibration value on 3xRPM; Velocity RMS	mm/s-rms
16076	Not_1xHarmonic_V	float	Filtered vibration value on all except 1xRPM; Velocity RMS	mm/s-rms
16078	SumHarmonics_1_2_3	float	Calculated value from the sum of 1x, 2x and 3x; Velocity RMS	mm/s-rms

Address	Name	Type	Description	Unit
			Channel 4	
18030	DC	float	DC Voltage	V
18032	Overall	float	Overall raw vibration value	g-pk
18034	Band_2_1k_A_RMS	float	Filtered vibration value between 2 and 1000 Hz; Acceleration RMS	g-rms
18036	Band_10_1k_A_RMS	float	Filtered vibration value between 10 and 1000 Hz; Acceleration RMS	g-rms
18038	Band_10_5k_A_RMS	float	Filtered vibration value between 10 and 5000 Hz; Acceleration RMS	g-rms
18040	Band_10_10k_A_RMS	float	Filtered vibration value between 10 and 10000 Hz; Acceleration RMS	g-rms
18042	Band_2k_10k_A_RMS	float	Filtered vibration value between 2 and 10000 Hz; Acceleration RMS	g-rms
18044	Band_2_1k_A_Pk	float	Filtered vibration value between 2 and 1000 Hz; Acceleration Peak	g-pk
18046	Band_10_1k_A_Pk	float	Filtered vibration value between 10 and 1000 Hz; Acceleration Peak	g-pk
18048	Band_10_5k_A_Pk	float	Filtered vibration value between 10 and 5000 Hz; Acceleration Peak	g-pk
18050	Band_10_10k_A_Pk	float	Filtered vibration value between 10 and 10000 Hz; Acceleration Peak	g-pk
18052	Band_2k_10k_A_Pk	float	Filtered vibration value between 2 and 10000 Hz; Acceleration Peak	g-pk
18054	Band_2_1k_V_RMS	float	Filtered vibration value between 2 and 1000 Hz; Velocity RMS	mm/s-rms
18056	Band_10_1k_V_RMS	float	Filtered vibration value between 10 and 1000 Hz; Velocity RMS	mm/s-rms
18058	Band_10_5k_V_RMS	float	Filtered vibration value between 10 and 5000 Hz; Velocity RMS	mm/s-rms
18060	Band_10_10k_V_RMS	float	Filtered vibration value between 10 and 10000 Hz; Velocity RMS	mm/s-rms
18062	Band_2_1k_V_Pk	float	Filtered vibration value between 2 and 1000 Hz; Velocity Peak	mm/s-pk
18064	Band_10_1k_V_Pk	float	Filtered vibration value between 10 and 1000 Hz; Velocity Peak	mm/s-pk
18066	Band_10_5k_V_Pk	float	Filtered vibration value between 10 and 5000 Hz; Velocity Peak	mm/s-pk
18068	Band_10_10k_V_Pk	float	Filtered vibration value between 10 and 10000 Hz; Velocity Peak	mm/s-pk
18070	1xHarmonic_V	float	Filtered vibration value on 1xRPM; Velocity RMS	mm/s-rms
18072	2xHarmonic_V	float	Filtered vibration value on 2xRPM; Velocity RMS	mm/s-rms
18074	3xHarmonic_V	float	Filtered vibration value on 3xRPM; Velocity RMS	mm/s-rms
18076	Not_1xHarmonic_V	float	Filtered vibration value on all except 1xRPM; Velocity RMS	mm/s-rms
18078	SumHarmonics_1_2_3	float	Calculated value from the sum of 1x, 2x and 3x; Velocity RMS	mm/s-rms

Address	Name	Type	Description	Unit
			Status	
15000	DO Alarm A state	uint16	State of the Digital Output Alarm A. (0 - Inactive; 1 - Active)	
15001	DO Alarm B state	uint16	State of the Digital Output Alarm B. (0 - Inactive; 1 - Active)	
15050	Digital Output 1 state	uint16	State of the Digital output channel 1. (0 - Off; 1 - On)	
15051	Digital Output 2 state	uint16	State of the Digital output channel 2. (0 - Off; 1 - On)	