

# AboveAir Technologies Pump Package BACnet Points List

## Analog variables

BMS Address	Variable name	Description	Min	Max	Read/Write
1	Pressure_Val	Pressure value	-3276.8	3276.7	R
2	Analog_Out	Output to VFD (0-100%)	-100.0	100.0	R
3	VFD_Min	Minimum VFD output (0-100%)	0	100.0	R/W
4	VFD_Max	Maximum VFD output (0-100%)	0	100.0	R/W
5	Pressure_SetPt	Pressure set point for PID loop	0	500.0	R
6	Pressure_Band	Proportional band for PID loop	0	3276.7	R/W

## Integer variables

BMS Address	Variable name	Description	Min	Max	Direction
1	Pressure_Int_Time	Integral time for PID loop	0	9999	R/W
2	Pressure_Der_Time	Derivative time for PID loop	0	9999	R/W
3	Rotation_Hour	Rotation hour (24 hour clock)	0	23	R/W
4	Rotation_Minute	Rotation minute	0	60	R/W
5	Rotation_Schedule	0=None, 1=M, 2=Tu, 3=W, 4=Th, 5=F, 6=Sa, 7=Su	0	7	R/W
6	CURRENT_HOUR	Current hour	0	23	R
7	CURRENT_MINUTE	Current minute	0	59	R

## Digital variables

BMS Address	Variable name	Description	Min	Max	Direction
1	Pump1_Fault	Pump 1 VFD fault	0	1	R
2	Pump2_Fault	Pump 2 VFD Fault	0	1	R
3	Pump3_Fault	Pump 3 VFD fault	0	1	R
4	Flow_Failure	Flow switch failure	0	1	R
5	System_On	System is on	0	1	R
6	Pump1_En	Pump 1 enable: 0 = Off, 1 = Auto	0	1	R/W
7	Pump2_En	Pump 2 enable: 0 = Off, 1 = Auto	0	1	R/W
8	Pump3_En	Pump 3 enable: 0 = Off, 1 = Auto	0	1	R/W
9	Pump1_On	Pump 1 is on	0	1	R
10	Pump2_On	Pump 2 is on	0	1	R
11	Pump3_On	Pump 3 is on	0	1	R