Thermia / Danfoss Genesis controller

LW = Ground source Liquid/Water pump
AW pump = Air/Water pumps, EW pump = Exhaust Air pumps

IDX	NAME	TYPE	DESCRIPTION
0002	Radiator Forward	Temp Sensor	Water feed out to radiators
0003	Heat carrier Return	Temp Sensor	HP internal heat carrier return.
0004	Heat carrier Forwrd	Temp Sensor	HP internal heat supply forward
0005	Brine in/Evaporator	Temp Sensor	Supply in from ground source for LW pumps, Evaporator for AW & EW pumps.
0006	Brine out/Condenser	Temp Sensor	Supply out to ground source for LW pumps, Condenser for AW & EW pumps.
0007	Outdoor	Temp Sensor	Outdoor sensor
0008	Indoor	Temp Sensor	Temp of cable connected indoor sensor for heating circuit 1 if installed
0009	Warm water 1 / Top	Temp Sensor	Warm water tank, top sensor
000A	Warm water 2 / Mid	Temp Sensor	Warm water tank, mid sensor
000B	Hot gas / Compr.	Temp Sensor	Hot gas from compressor before expansion valve
000C	Suction gas	Temp Sensor	Suction gas after expansion valve
000D	Liquid flow	Temp Sensor	
0011	Pool	Temp Sensor	Pool temp if installed
2201	Operating mode 1	Set Status	Operational mode. 1=OFF, 2:Standby, 3:ON/Auto
0203	Room temp setpoint	Set temp	Set room temp if Indoor sensor in installed
0207	Heat set 3 Parallel	Set number	Set heat curve parallel offset
0208	Warm Water stop temp	Set temperature	Set highest temperature for hot water.
4101	Load L1	Ampere	Phase 1 current draw where transformer is installed (heat pump or whole house) [if installed]
4102	Load L2	Ampere	Phase 2 current draw where transformer is installed (heat pump or whole house) [if installed]
4103	Load L3	Ampere	Phase 3 current draw where transformer is installed (heat pump or whole house) [if installed]
0107	Heating setpoint	Temp variable	Target temp for heating
3108	Compressor speed	Percent usage	Current applied variable compressor operation
3109	Circ pump speed	Percent usage	Variable speed for circulation pump
3110	Brine pump speed	Percent usage	Variable speed for Ground source brine pump (LW pumps only)
3104	Add heat status	Percentage	Applied Additional Electrical heater to support compressor. Commonly 9kW max.
3A07	Switch valve 1	Percentage	Switch valve position
1A01	Compressor	Status	0=Off, 1=On
1A04	Pump Cold circuit	Status	Ground source pump. 0=Off, 1=On (LW pumps only)
1A05	Pump Heat circuit	Status	Internal pump. 0=Off, 1=On
1A20	Alarm	Status	Pump alarm. 1=Alarming

white   Read only variable

blue	Read/Write variable
	H66 Only
	H60 Only

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