BACnet Register

BACnet Address Map

Object name	Object_type	Instance	Modbus Registers	Scale	Unit
Flow Rate	A1	1	0-1	×1	m³/h，0.1m³/h,10L/h,L/h
Flow Rate Unit	A1	2	2	×1	1-L/h 2-0.01m³/h 3-0.1m³/h 4-m³/h
Positive Cumulative Flow	A1	3	3-4	×1	
Positive Cumulative FlowUnit	A1	4	5	×1	1-L;2-0.01m3;3-0.1m3;4-m3 5-Gal;6-10Gal;7-100Gal;
ReverseCumulative Flow	A1	5	6-7	×1	
ReverseCumulative FlowUnit	A1	6	8	×1	1-L;2-0.01m3;3-0.1m3;4-m3 5-Gal;6-10Gal;7-100Gal;
Power Energy Rate	A1	7	9-10	×1	kW,W,J/h,GJ/h,MJ/h,MW
Power Energy RateUnit	A1	8	11	×1	1-W;2-0.01kW;3-0.1kW;4-kW; 5-J/h;6-GJ/h;7-MJ/h;8-MW
HeatEnergy Total	A1	9	12-13	×1	kWh,0.1kWh,0.01kWh,Mwh,GJ, MJ
Heat Energy TotalUnit	A1	10	14	×1	1-0.01kWh;2-0.1kWh;3-kWh,4 - MWh;5-GJ;6-MJ
Cool Energy Total	A1	11	15-16	×1	kWh,0.1kWh,0.01kWh,MWh,GJ, MJ
Cool Energy TotalUnit	A1	12	17	×1	1-0.01kWh;2-0.1kWh;3-kWh,4 - MWh;5-GJ;6-MJ
Supply Temp	A1	13	18	× 0.01 unit A	
Return Temp	A1	14	19	× 0.01 unit V	
Valve Status	A1	15	20	×1	Writeable we can write 0 or 1 1-Open 0-Close
Time	A1	16	21-23	×1	Format：18:32:45 21=hour register ； 22=minute register； 23=Second register
Factory ID	A1	17	24	×1	
Alarm	A1	18	25	×1	
RSSI	A1	19	26	×1	dbm
Pressue	A1	20	27	×1	0.01Bar,0.1Bar,1Bar,KBar

Pressue Unit	A1	21	28	×1	1-0.01Bar;2-0.1Bar;3-Bar;4-KBar
Active energy	A1	22	29-30	×1	kWh
Reactiveenergy	A1	23	31-32	×1	kWh
Active power	A1	24	33-34	×1	kW
Reactive power	A1	25	36-37	×1	kW
Voltage1	A1	26	38	×1	0.1V,1V
Voltage2	A1	27	39	×1	0.1V,1V
Voltage3	A1	28	40	×1	0.1V,1V
Voltage Unit	A1	29	41	×1	1-0.1V;2-1V
Current 1	A1	30	42	×1	0.01A,0.1A,1A
Current 2	A1	31	43	×1	0.01A,0.1A,1A
Current 3	A1	32	44	×1	0.01A,0.1A,1A
Current Unit	A1	33	45	×1	1-0.01A;2-0.1A;3-1A
SN#	A1	34	46-47	N/A	
Meter Type	A1	35	48	N/A	0xAA04 means heat meter 0xAA07 means water meter 0xAA02 means KWH meter 0xAA03 means Gas meter 0xAA01 means Reserved type