Pressure Registers & Objects List

Register _Address	Register _Length	Register_Name	Operation	Data_Format	Description
0	4	MODBUS_SERIALNUMBER	03 Read Holding Registers (4x)	32 Bit Unsigned Integer LO HI	serial numbler
4	2	MODBUS_FIRMWARE_VERSION	03 Read Holding Registers (4x)	32 Bit Unsigned Integer LO HI	firmware Version
6	1	MODBUS_ADDRESS	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	Modbus device address
7	1	MODBUS_PRODUCT_MODEL	03 Read Holding Registers (4x)	16 Bit Unsigned Integer	Prodouct model
8	1	MODBUS_HARDWARE_REV	03 Read Holding Registers (4x)	16 Bit Unsigned Integer	Hardware Version Number
15	1	MODBUS_BAUDRATE	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	0=9600,1=19200,2=38400,3=57600,4=115200,5=76800
21	1	MODBUS_PROTOCOL_SWITCH	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	3 = MODBUS,0=MSTP.
37	1	MODBUS_INSTANCE_LOWORD	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	BACNET INSTANCE LOWORD
38	1	MODBUS_INSTANCE_HIWORD	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	BACNET INSTANCE HIWORD
39	1	MODBUS_STATION_NUMBER	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	BACNET STATION NUMBER
40	1	MODBUS_MAC_ADDRESS_1	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
41	1	MODBUS_MAC_ADDRESS_2	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
42	1	MODBUS_MAC_ADDRESS_3	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
43	1	MODBUS_MAC_ADDRESS_4	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
44	1	MODBUS_MAC_ADDRESS_5	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
45	1	MODBUS_MAC_ADDRESS_6	03 Read Holding Registers (4x)	8 Bit Unsigned Integer	MAC ADDRESS
46	1	MODBUS_IP_MODE	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	0=static IP; 1= DHCP
47	1	MODBUS_IP_ADDRESS_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	IP ADDRESS
48	1	MODBUS_IP_ADDRESS_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	IP ADDRESS
49	1	MODBUS_IP_ADDRESS_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	IP ADDRESS
50	1	MODBUS_IP_ADDRESS_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	IP ADDRESS
51	1	MODBUS_SUBNET_MASK_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	SUBNET MASK
52	1	MODBUS_SUBNET_MASK_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	SUBNET MASK
53	1	MODBUS_SUBNET_MASK_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	SUBNET MASK
54	1	MODBUS_SUBNET_MASK_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	SUBNET MASK
55	1	MODBUS_GATEWAY_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GATEWAY
56	1	MODBUS_GATEWAY_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GATEWAY
57	1	MODBUS_GATEWAY_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GATEWAY
58	1	MODBUS_GATEWAY_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GATEWAY
61	1	MODBUS_GHOST_IP_MODE	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST IP MODE
62	1	MODBUS_GHOST_IP_ADDRESS_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST IP ADDRESS
63	1	MODBUS_GHOST_IP_ADDRESS_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST IP ADDRESS
64	1	MODBUS_GHOST_IP_ADDRESS_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST IP ADDRESS
65	1	MODBUS_GHOST_IP_ADDRESS_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST IP ADDRESS
66	1	MODBUS_GHOST_SUBNET_MASK_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST SUBNET
67	1	MODBUS_GHOST_SUBNET_MASK_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST SUBNET
68	1	MODBUS_GHOST_SUBNET_MASK_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST SUBNET
69	1	MODBUS_GHOST_SUBNET_MASK_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST SUBNET
70	1	MODBUS_GHOST_GATEWAY_1	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST GATEWAY
71	1	MODBUS_GHOST_GATEWAY_2	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST GATEWAY
72	1	MODBUS_GHOST_GATEWAY_3	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST GATEWAY
73	1	MODBUS_GHOST_GATEWAY_4	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	GHOST GATEWAY
75	1	MODBUS_GHOST_LISTEN_PORT	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	GHOST LISTEN PORT
76	1	MODBUS_WRITE_GHOST_SYSTEM	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	1=WRITE GHOST SYSTEM
700	1	MODBUS_PRESSURE_SENSOR_MODEL	03_06 Read Holding and Write Single	8 Bit Unsigned Integer	0=26PCF (0-100PSI), 1=26PCG (0-250PSI), 10 = MPXV7002(-8 ~ +8 inWC), 11=MPXV7007(-27 ~ +27 inWC), 20 = -1 ~ +1 inWC
701	1	MODBUS_PRESSURE_UNIT	03_06 Read Holding and Write Single	8 Bit Unsigned Integer	0= in.water ,1= KPa ,2=psi ,3=mmHg.4=inHg, 5= kg/cm2 , 6= atmosphere ,7= bar ,8= Pa .
702	1	MODBUS_PRESSURE_UNIT_DEFAULT	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	Default pressure unit
703	1	MODBUS_OUTPUT_RANGE_MIN_PRESSURE	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	Pressure analog Output MIX value
704	1	MODBUS_OUTPUT_RANGE_MAX_PRESSURE	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	Pressure annalog Output MAX value
705	1	MODBUS_PRESSURE_FILTER	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	Pressure filter , default value = 5 .
710	1	MODBUS_PREESURE_AD	03 Read Holding Registers (4x)	16 Bit Unsigned Integer	Pressure AD value (FOR PS8,PS100 and PS250)
711	1	MODBUS_PRESSURE_VALUE_ORG	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	Pressure value
712	1	MODBUS_PRESSURE_VALUE_ORG_OFFSET	03 06 Read Holding and Write Single	16 Bit Unsigned Integer	Pressure value offset
836	1	MODBUS_PRESSURE_BACKLIGHT_KEEP_SECONDS	03 06 Read Holding and Write Single	8 Bit Unsigned Integer	unit:second , 255=always ON , 0= always OFF

Objects List

Object	Description
Analog Inut 1	Pressure
Analog Output 1	Pressure Analog output
Variable1	Serial Number Low Byte
Variable2	Serial Number High Byte

Variable3	SoftWare Version
Variable4	Device ID
Variable5	Product Model
Variable6	Instance
Variable7	Station number
Variable8	Uart BaudRate.0=9600,1=19200, 2=38400 ,3=57600 ,4=115200
Variable9	Update Status
Variable10	Protocol 0=MSTP ,3=Modbus
Variable11	OUTPUT AUTO MANUAL
Variable12	Pressure Offset
Variable13	Pressure filter
Variable14	Analog Out Mode.1=0-10v,2=0-5v,3=4-20mA
Variable15	MAX Master