

T8600 Thermostat Modbus Data Table

Item	Description	Specification
1	Protocol	MODBUS
2	Communication Port	RS485 / half-duplex
3	Baud	9600
4	Device Type	RTU
5	Address	01 - 64
6	Function Code	1, 2, 3, 4, 6
7	Parity	CRC-16
8	Data Format	11 bit: 1 Start + 8 Data + 1 parity + 1 Stop,
9	0 address	Broadcast
10	Interface Connection	A (+) , B (-)

01 Function Information:

Function Code	Register Address	Point Description	Remark
01	1	Water Valve (4 Pipe: Cold Water Valve)	0: Off, 1:On
01	3	Damper (reserved)	0: Off, 1:On
01	5	Fan Speed: High	0: Off, 1:On
01	6	Fan Speed: Med	0: Off, 1: On
01	7	Fan Speed: Low	0: Off, 1: On
01	8	Electric Heater (4 Pipe: Hot Water Valve)	0: Off, 1: On

02 Function Information:

Function Code	Register Address	Point Description	Remark
02	3	Temperature Sensor Short Circuit Alarm	0: Normal, 1: Fault
02	4	Temperature Sensor Open Circuit Alarm	0: Normal, 1: Fault

03/06 Function Information:

Function Code	Register Address	Point Description	Remark
03/06	3	Status	00: Off, 01: On, 02: Anti-Freeze (read only)
03/06	4	Operation Mode	1: Cooling, 2: Heating, 3: Ventilation
03/06	5	Setpoint	Temperature Setpoint (5 - 35°C) Factor x10
03/06	6	Fan Mode	00: High, 01: Med, 02: Low, 03: Auto
03	7	Model	01: T8600-TB20-9JR0-M0 02: T8600-TB20-9JS0-M0 03: T8600-TF20-9JR0-M0 04: T8600-TF20-9JS0-M0
03/06	8	Anti-Freeze Temperature Setpoint	Anti-Freeze Setpoint (5 - 17°C) Factor x10
03	9	Communication Check	Switching 0/1 for each data packet in communication
03/06	12	System Anti-Freeze	00: Off, 01: On
03/06	13	Keypad Lockout	00: No lock, 01: Lock All keys, 02: lock the keys except Fan Speed and Temperature Adjustment keys, 03: Lock the ON/OFF and Clock keys
03/06	14 (*)	Occupied Status	00: unoccupied, 01: Occupied
03/06	15 (*)	Cooling Temperature Setpoint for Unoccupied status	22 - 32°C Factor x10
03/06	16 (*)	Heating Temperature Setpoint for Unoccupied status	10 - 21°C Factor x10

(*) Not available with Models T8600-Tx20-JR0-M0

04 Function Information:

Function Code	Register Address	Point Description	Remark
04	1	Room Temperature	0~+99°C Factor x10
04	2	Valve open rate	0-100% (used by T8600-TB21-9JR/S0-M0)