



TLD1 CO2 TT MOD Register

Mode: RTU (MSB First)

Baud Rate: 4800, 9600, 14400, 19200, 38400 bps (Default: 19200bps)

Start Bits: 1

Data Bits: 8

Stop Bits: 1 / 2 (Default : 2)

Parity: None / Odd / Even (Default: None)

Support Function: 3 4 16

Starting Register Decimal	Data Description	Modbus Function	Read/Write	Length	Format	Valid Response	Default
0	CO2 Measurement	4	R	2	Float inverse	0~10000ppm	
2	Temperature Measurement	4	R	2	Float inverse	-20~+60.0°C	
0	Modbus Address	3/6	R/W	1	UINT16	[1~255]	1
1	Modbus Baud Rate	3/6	R/W	1	UINT16	1 4800; 2 9600; 3 14400; 4 19200; 5 38400	4
2	Modbus Stop Bit	3/6	R/W	1	UINT16	1 None 1 Stop; 2 None 2 Stop; 3 Odd 1 Stop; 4 Even 1 Stop	2
8	No.1 CO2 SetPoint < > DC1 0V/4mA	3/6	R/W	1	UINT16	[0~10000ppm]	0
9	No.1 CO2 SetPoint < > DC1 10V/20mA	3/6	R/W	1	UINT16	[0~10000ppm]	2000
10	No.2 Temperature SetPoint < > DC2 0V/4mA	3/16	R/W	2	Float inverse	[-20~+60.0 °C]	-20.0°C
12	No.2 Temperature SetPoint < > DC2 10V/20mA	3/16	R/W	2	Float inverse	[-20~+60.0 °C]	+60.0 °C
19	Green - Yellow Setpoint	3/6	R/W	1	UINT16	[0~10000ppm]	1000
20	Yellow - Red Setpoint	3/6	R/W	1	UINT16	[0~10000ppm]	1400
21	Temperature C/F Choice	3/6	R/W	1	UINT16	0 Degree Celsius; 1 Fahrenheit	0
22	Warm up Time	3/6	R/W	1	UINT16	[1~600 Seconds]	10
23	Maximum CO2 Measure Setpoint	3/6	R/W	1	UINT16	[0~10000ppm]	2000
29	CO2 Adjust Setpoint	3/16	R/W	2	Float inverse	[200~+200ppm]	
30	Temperature Adjust Setpoint	3/16	R/W	2	Float inverse	[3.0 °C ~3.0 °C]	