HRTM-D20E

Address code setting method
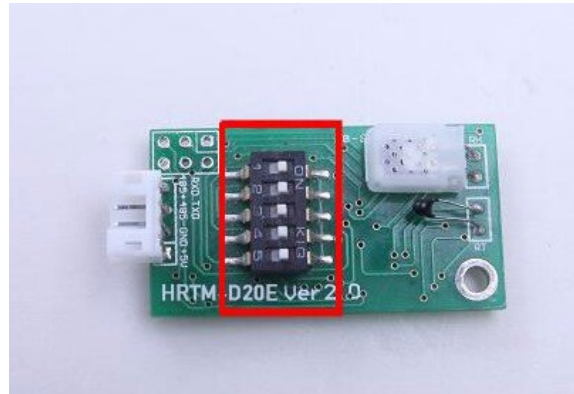
485+ •
485- •
GND •
+5V •
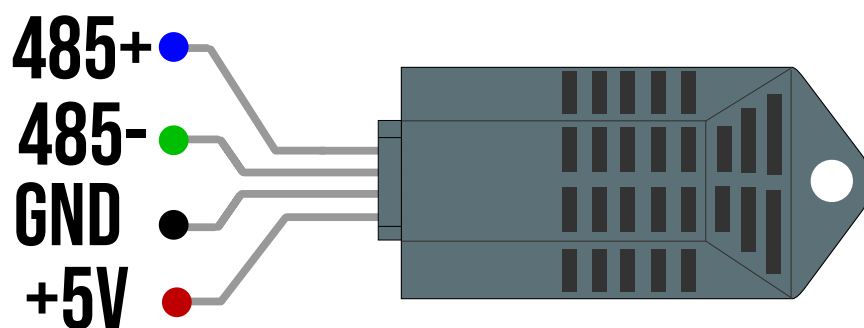
1. Picture

Dial Switch

2. Dial switch setting method:

a. The address code is set according to the following calculation method: the address code is composed of a 5-digit dial switch, and the dial switches $K^5K^4…K^1$ are respectively represented as $2^42^3…2^0$. The dial switch "ON" (in the ON position) means "0"; the dial switch "OFF" means "1".

b. Dial switch allows setting address range: $1\sim31$

c. After the address is set, the power is turned off and the power is turned on again, the new address code takes effect.

3. Command setting method:

a. The temperature and humidity module is powered on, wait at least 3s, and send the address code setting command through RS-485 or RS-232 interface:

Address	Function code	Write position high	Write position low	Operand high	Operand low	Byte length	Write content high	Write content low	CRC 16-bit verify
00	10	00	00	00	01	02	00	xx	Xxxx low in front

b. Transmitter return value:

Address	Function code	Write position	Write position	Operand high	Operand low	CRC 16-bit verify

		high	low			
00	10	00	00	00	01	Xxxx low in front

c. Dial switch allows setting address range：1～254

d．Each of the dial switch show in "ON" (the ON position) , after the power is turned off and the power is turned on again, the new address code is valid (The module has the function of setting the address of the power-off memory command).