MEIRUIKE INSTRUMENT

Manual

RK4008/4016

..... 1

..... 2
2.1 2
2.2 2
2.3 2
2.4 2
2.5 3
..... 3
3.1 3
3.2 3
3.3 3
3.4 3
3.5 3

..... 5
4.1 5
4.2 5
4.3 6

..... 7
5.1 7
5.2 7
5.3 8
5.4 8
5.5 9
5.6 11
5.7 11
..... 13
6.1 13
6.2 RS-232 13
6.3 RS-485 13
6.4 USB 13

SCPI 19

RK4008/4016

- 4.3 TFT
- 32 ARM 1
-
-
- K
- U
-

2.1

- TFT LED
- 32 ARM
-

2.2

- ±0.2%+0.5 ±2 Ų Ů

2.5

- 16
- M

3.6

4.1

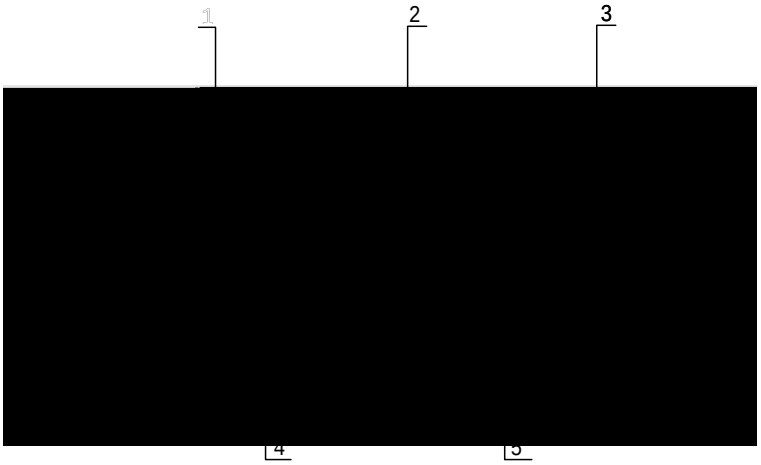
5

6 shift

7 OK

8

4.3



1 RS-485/232

2 USB 2.0

3 AC220V

4

5

4.4

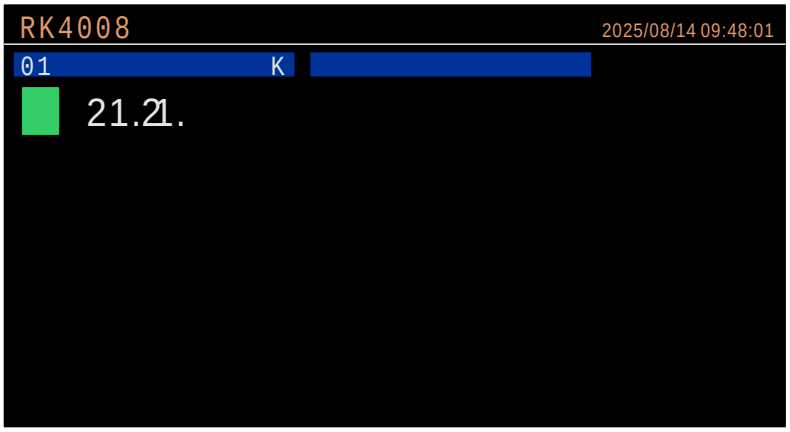
16

4

1-8 A B A

1. A B

5.1



5.2

“F2”“F3” ;

5.3

U U

U

5.4

1.

U U 16G

2. K CSV K

CSV Excel

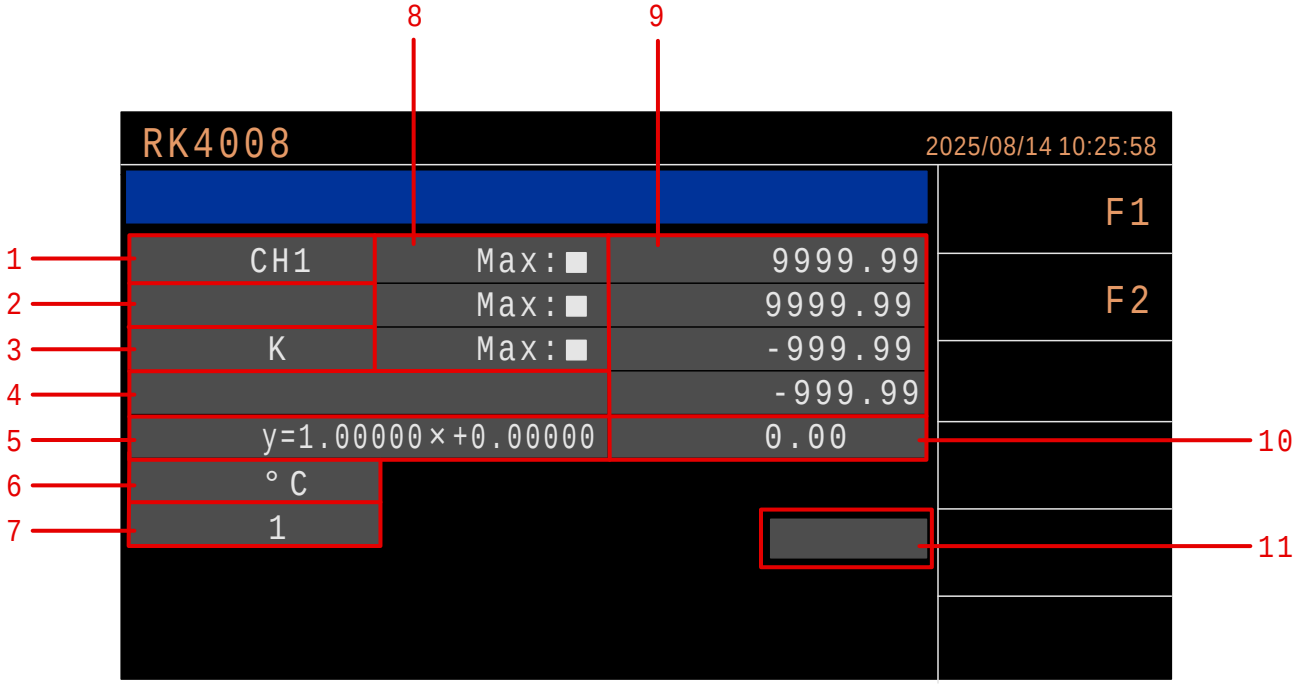
3. 26

4. ĊŒĞ * ĈÁ Ɜĉ ¸ ¸ ĝ ĝ

5.5

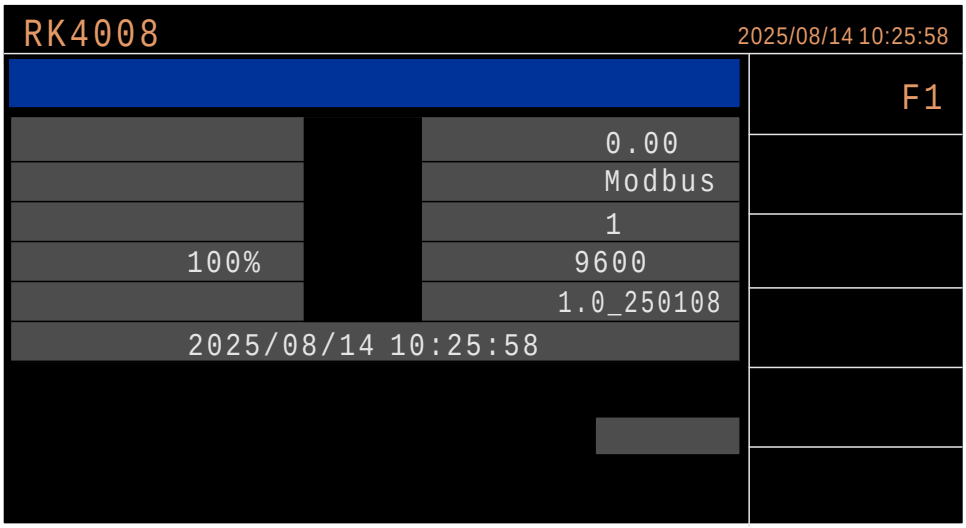
5 6 = =

S !ĉ



1		
2		
3		
4		
5		
6		°K °F
7		0 1 2 2
8		
9		-999.99~9999.99
10		
11		

5.6



1.
2.
0
3.
4. SCPI Modbus
5.
6. 1~255
7.
8. 2400 4800/9600/19200/115200
9. 10 5 2
10.
11.
12.

5.7

:Y=KX+B

Y K X)

X1= 1 Y1= 1

X2= 2 Y2= 2

$$K=\frac{Y2-Y1}{X2-X1} \qquad Y=\frac{Y2-Y1}{X2-X1}X+B$$

$$B=\frac{Y2-Y1}{X2-X1}X-Y$$

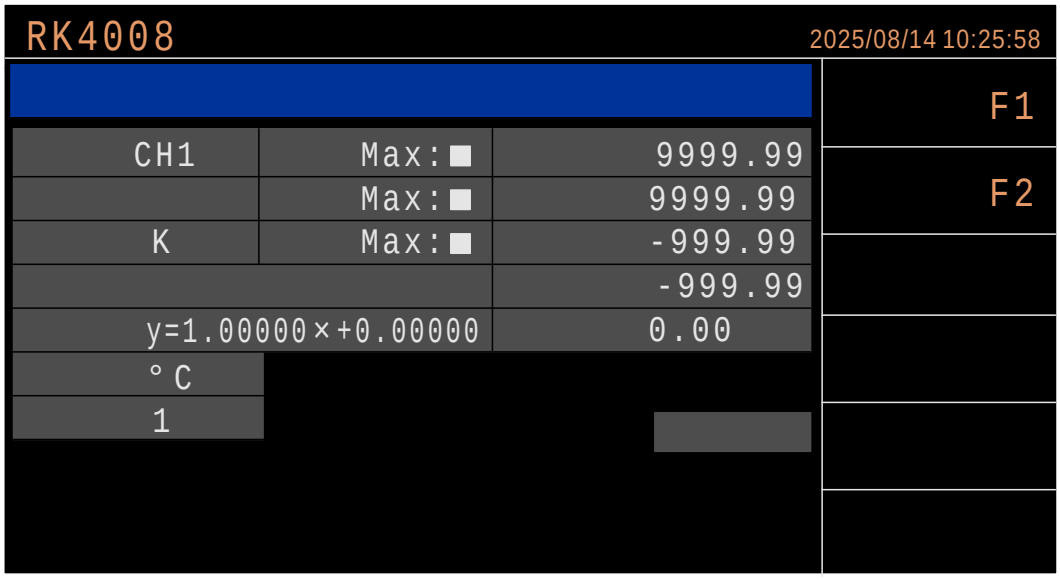
:X1=320 :Y1=300

X2=430 Y2=400

$$K=\frac{400-300}{430-320}=0.909($$

$$B=\frac{400-300}{430-320}X320-300=-9.09$$

B



6.1

RS-232 RS-485 USB

6.2 RS-232

RS-232C

RS-232C RS-232 RS-232C

RS-232

RS-232

6.3 RS-485

RS-485

RS-485 RS-232C RS-232C

RS-485 2

6.4 USB

USB

COM USB COM

Modbus-RTU 9600 19200 38400 115200

8 1

03H

						Bit4=1 - Bit5=1 - 2	
69	0x1502	Ch2_Real_State	U32	2	CH2		RW
70	0x1504	Ch3_Real_State	U32	2	CH3		RW
71	0x1506	Ch4_Real_State	U32	2	CH4		RW
72	0x1508	Ch5_Real_State	U32	2	CH5		RW
73	0x150A	Ch6_Real_State	U32	2	CH6		RW
73	0x150C	Ch7_Real_State	U32	2	CH7		RW
74	0x150E	Ch8_Real_State	U32	2	CH8		RW
75	0x1510	Ch9_Real_State	U32	2	CH9		RW
76	0x1512	Ch10_Real_State	U32	2	CH10		RW
77	0x1514	Ch11_Real_State	U32	2	CH11		RW
78	0x1516	Ch12_Real_State	U32	2	CH12		RW
79	0x1518	Ch13_Real_State	U32	2	CH13		RW
80	0x151A	Ch14_Real_State	U32	2	CH14		RW
81	0x151C	Ch15_Real_State	U32	2	CH15		RW
82	0x151E	Ch16_Real_State	U32	2	CH16		RW
83	0x1800	Record_Set	U32_1 +byte[16] +float +U32_2	14		- U32_1 bit[7:0] - 0- 1- bit[15:8] - 0- 1- bit[23:16] - 0-.csv 1-.k bit[31:24] - - byte[16] 16 ascll 16 0 - float 1.0~9999.9s 1 - U32_2 1	RW
84	0x1820	Record_OnOff_State	U32	2		1 Bit[15:0] - 0- 2- - Bit[31:16] - 0- 1- 2- 2 Bit[31:0] - 0 1	RW
85	0x1900	System_Set	U32_1 +U32_2 +float +U32_3	2		- U32_1 bit[7:0] - 0- 1- bit[15:8] - 0- 1- bit[23:16] - 0- 1- bit[31:24] - - U32_2 bit[7:0] - 0-MODBUS 1-SCPI bit[15:8] - 0~255 0 bit[23:16] - 0-115200 1-38400 2-19200 3-9600 bit[31:24] - - float -273.00~9999.99 2 - U32_3 1	RW
86	0x1920	System_Set_Factory	U32	2		1	W
87	0x2000	Ch1_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH1	- U32_1 bit[7:0] - 0- 1- bit[15:8] - 0- 1- 2-K bit[23:16] - 0-K 1-S 2-R 3-N 4-E 5-J 6-T 7-B bit[31:24] - 0-0 1-1 2-2 - U32_2 bit[7:0] - 1 bit[15:8] - 1 bit[23:16] - 1 bit[31:24] - - double_1 -9999.99~9999.99 - double_2 -9999.99~9999.99 - float_1 -273.00~9999.99 - float_2 -999.99~9999.99	RW

						- float_3	-999.99~9999.99		
						- float_4	-999.99~9999.99		
						- float_5	-999.99~9999.99		
						- byte[16]	16	ascll	
						16 0			
88	0x2020	Ch2_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH2				RW
89	0x2040	Ch3_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH3				RW
90	0x2060	Ch4_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH4				RW
91	0x2080	Ch5_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH5				RW
92	0x20A0	Ch6_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH6				RW
93	0x20C0	Ch7_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH7				RW
94	0x20E0	Ch8_Set	U32_1 +U32_2 +double_1 +double_2 +float_1 +float_2 +float_3 +float_4 +float_5 +byte[16]	32	CH8				RW
95	0x2100	Ch9_Set	U32_1 +U32_2	32					

+ + + c ^ ' + + + + c ^ ' + + + + c ^ ' + + + + c ^ ' + + +

1

1 *IDN?

*IDN?<CR><LF>

REK, RK4008,0,1.0.20250508

REK -

*IDN? RK4008 -

0 -

0

1 CH#:TEMP?

CH1:TEMP?<CR><LF>

26.63

CH1 26.63 - CH1 Float CH1

2 CH#:STAte?

CH1:STAte?<CR><LF>

0

CH1 0 - CH1

Bit0=1 -

Bit1=1 -

Bit2=1 -

Bit3=1 -

Bit4=1 -

Bit5=1 -

3 CH#:MAXTemp?

CH1:MAXTemp?<CR><LF>

26.63

CH1 26.63 - CH1 Float

CH1

4 CH#:MINTemp?

CH1:MINTemp?<CR><LF>

26.63

CH1 26.63 - CH1 Float

CH1

5 CH#:AVETemp?

CH1:AVETemp?<CR><LF>

26.63

CH1 26.63 - CH1 Float

CH1

1 CH#:SET

CH

r C ¢

0 - 115200 1 - 38400 2 - 19200 3 - 9600

float 2 -273.00~9999.99

0 - 1 - 10 2 - 5 3 - 2

5~100

SYSTem:SET:SET ?<CR><LF>

1,1,0,1,1,3,0.00,0,100

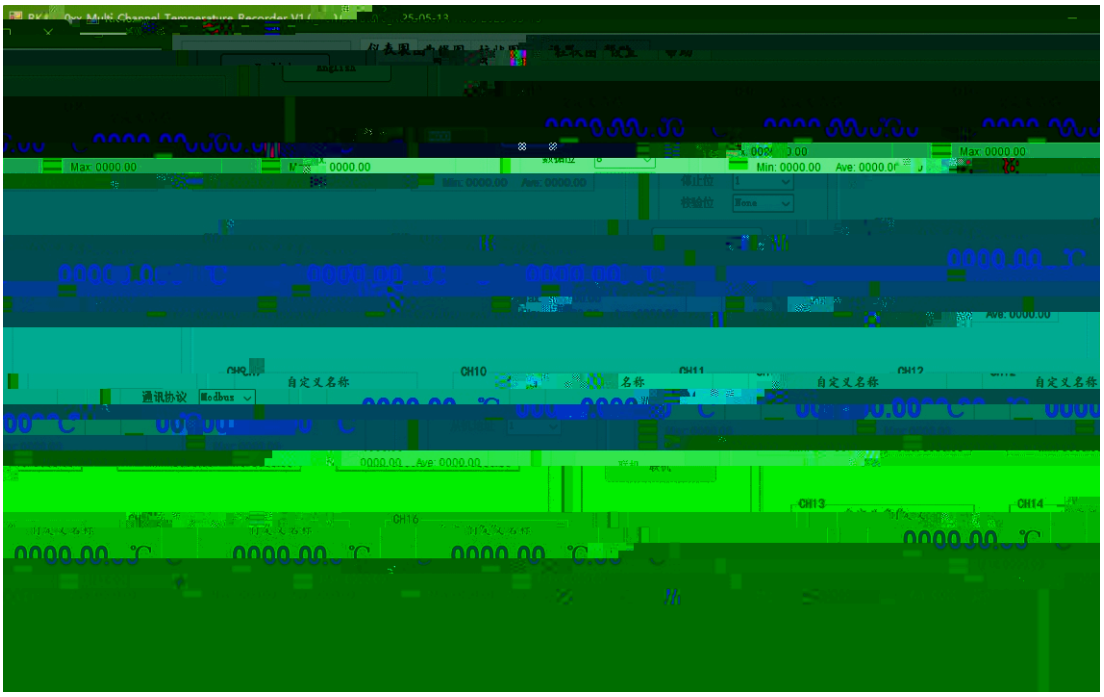
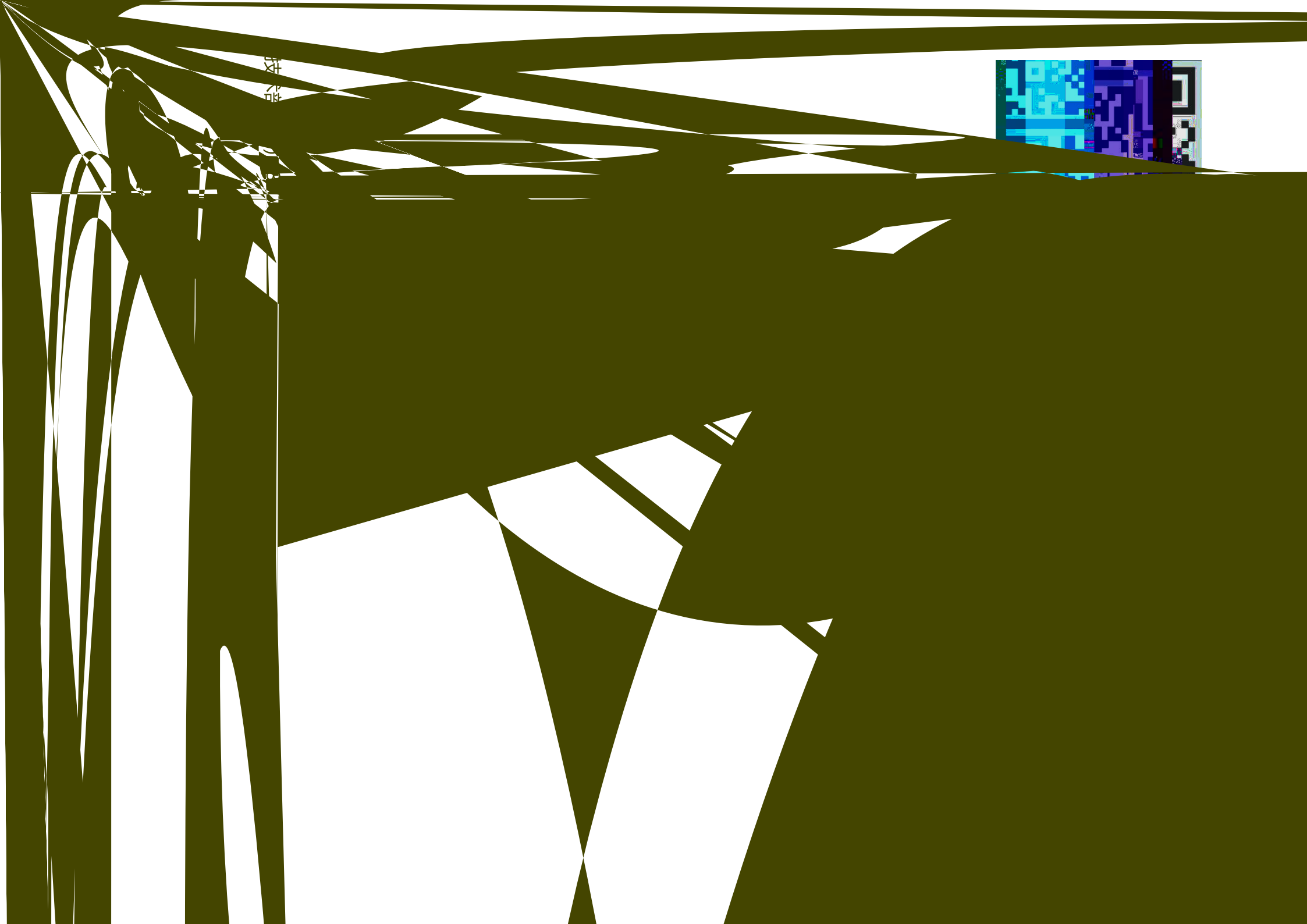
8.1

.exe

8.2

Modbus

8.3


Max: 0000.00
Min: 0000.00
Ave: 0000.00
自定义名称
通讯协议
Modbus
CH10
CH11
CH12
CH13
CH14
0000.00 ℃