KCM-XJ4 4

PID 4

1 4-20mA 0-10mA
0-10V 1-5V

2 PID

3 4-20mA 4 1

4 ±0.5%F·S±1 ≤±2

5 AC85 242V 50/60Hz 5W

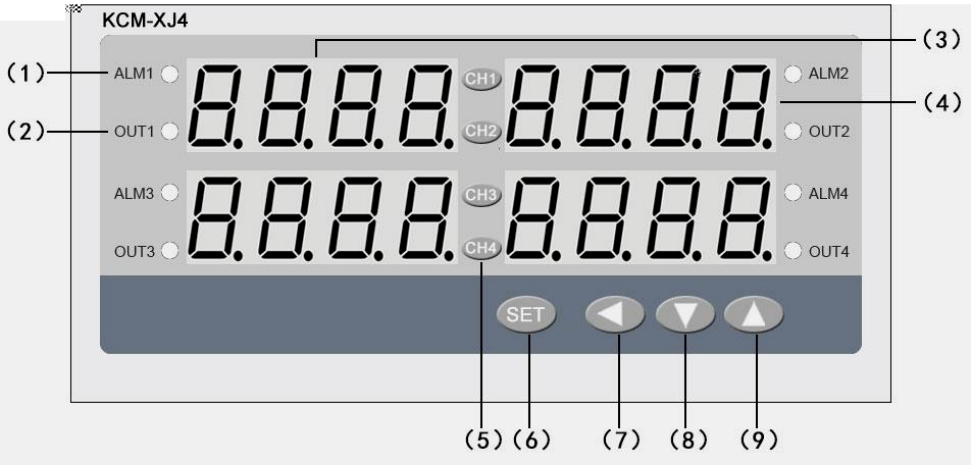
6 0~50 ≤85 RH

1. ALM1
1

2. OUT1
1

3 CH1
1

4 CH2
2



5. 4 4

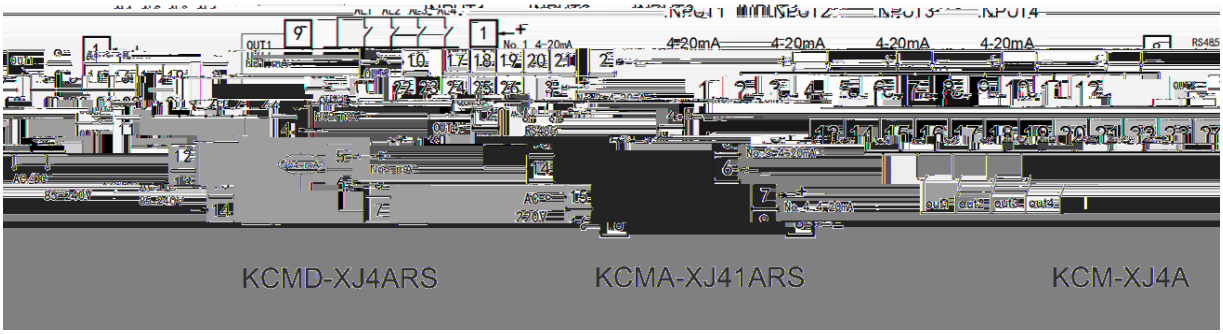
6. 3

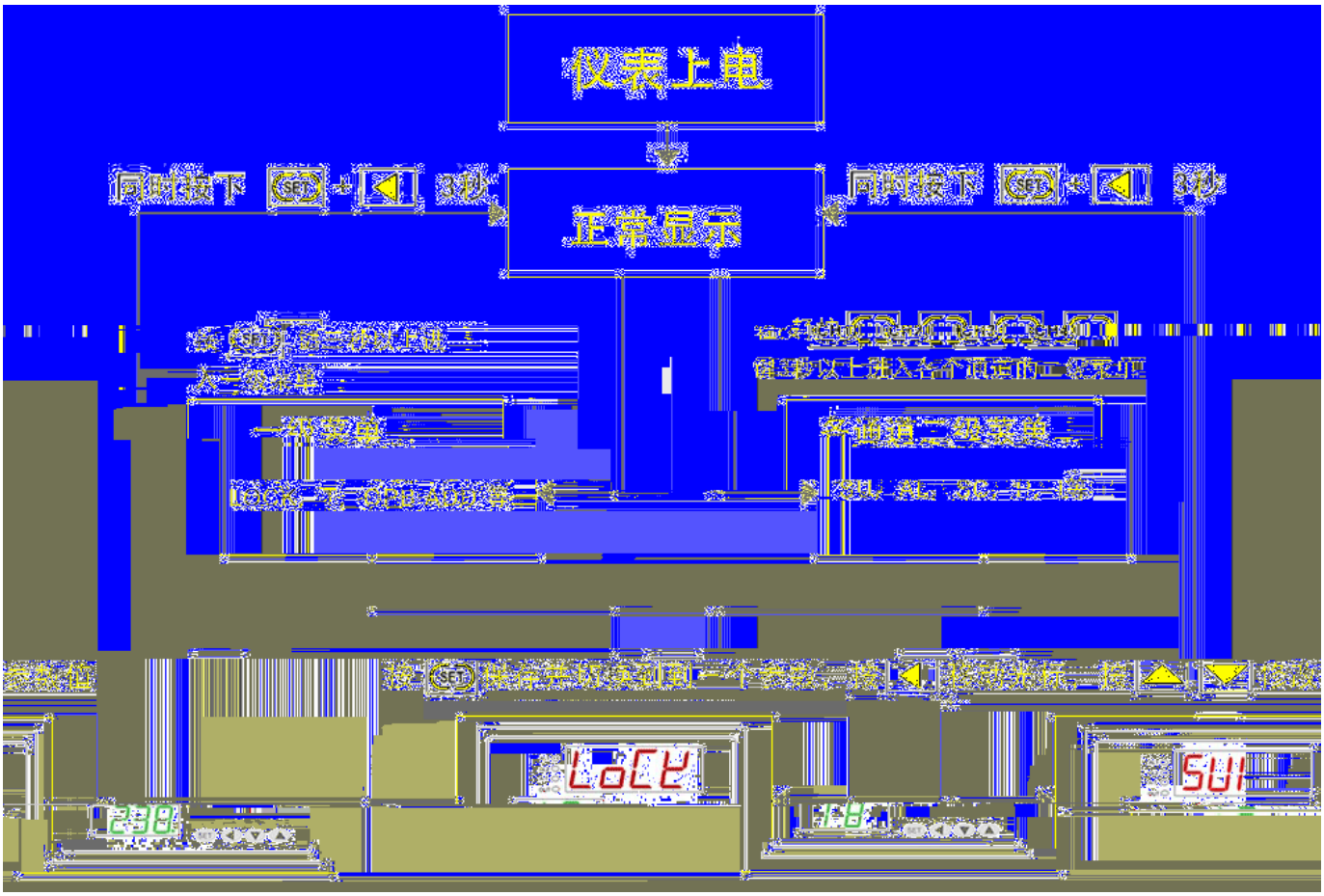
7.

8.

9.

( )





1

SET 3 ‘

5-1

ID					
0	LoCY		0 50	**18** **18**	18
1	oP-b		0~2	0. 1.RS485 2.	0
2	Addr				1
3	bAud		1200 2400 4800 9600		9600
		1 4	,		Su2

4 Su

, P I D

PT100

SU Hy N HY , AT

20-60

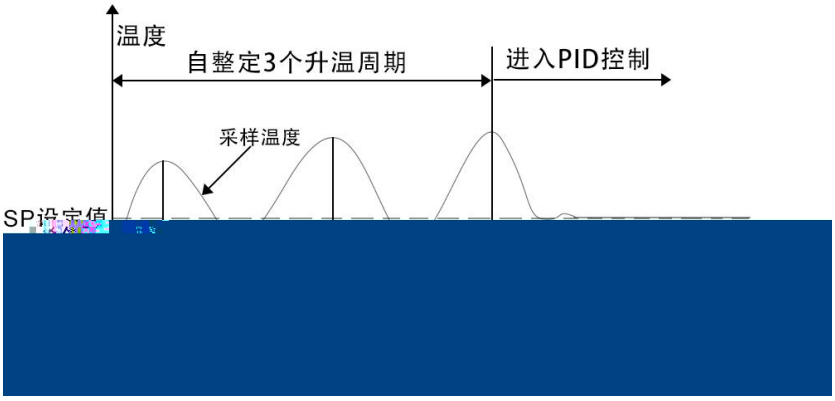
AT

P

I D AT

AT 0

PID

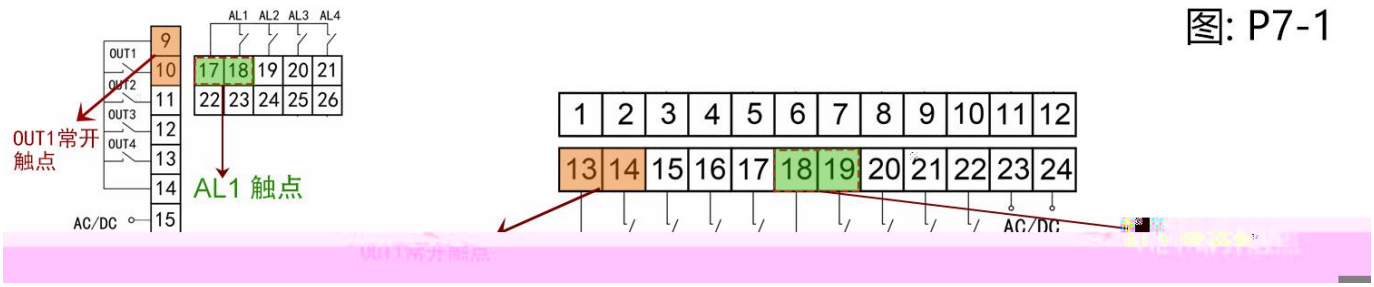


AT 0

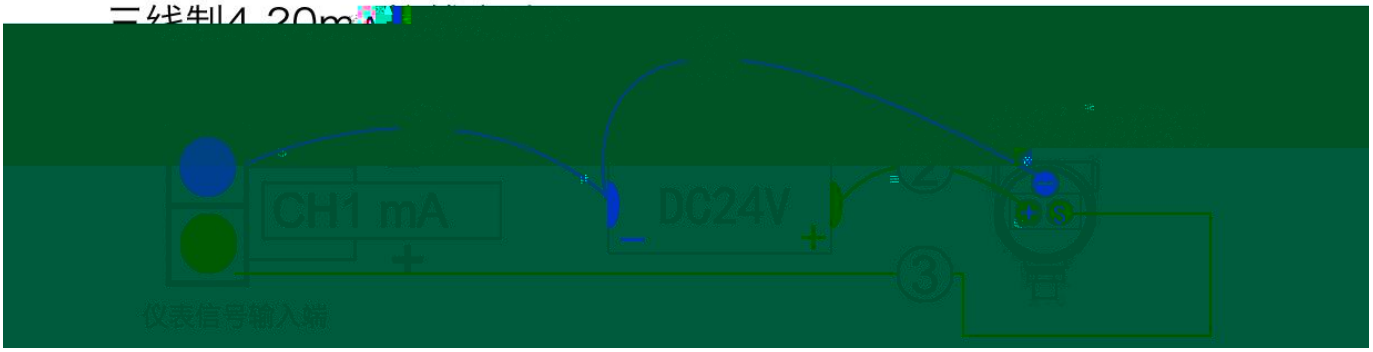
:

	ALP	AL1	AL1 − HY1
	ALP	AL1	AL1 + HY1
	ALP	SV1 + AL1	SV1 + AL1 − HY1
	ALP	SV1 − AL1	SV1 − AL1 + HY1

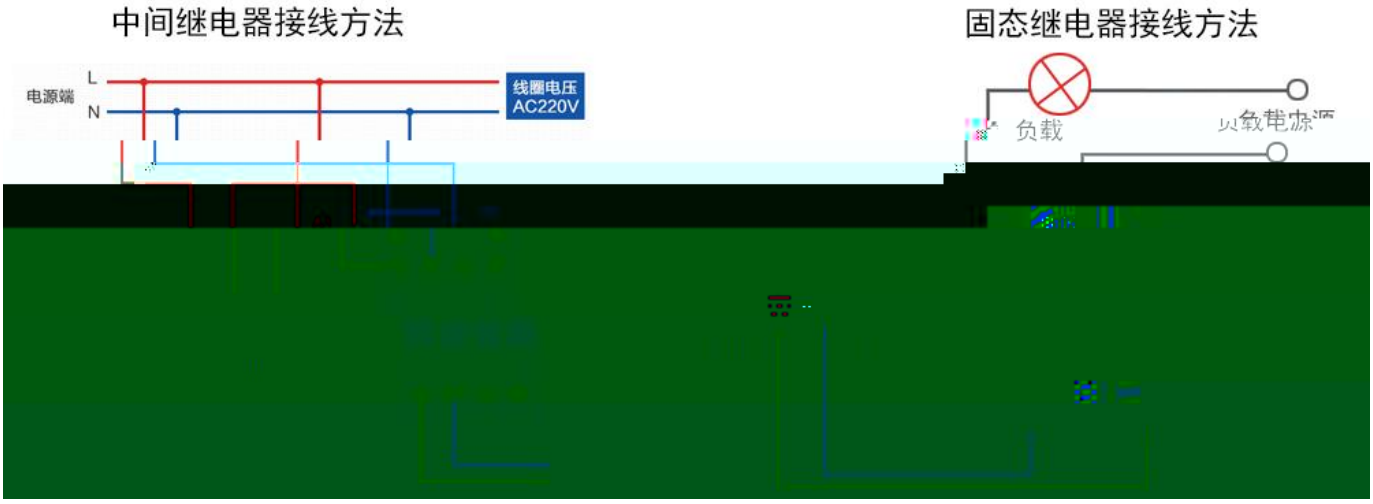
图: P7-1

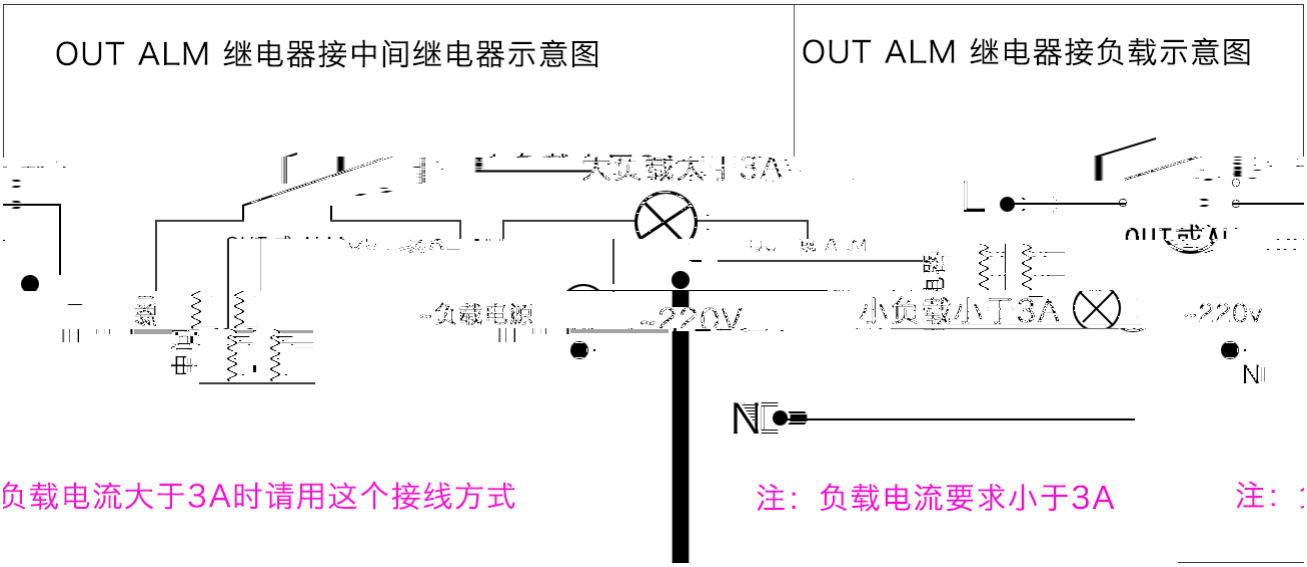

AL1 AL2 AL3 AL4
OUT1
OUT2
OUT3
OUT4
9
10
11
12
13
14
15
17 18 19 20 21
22 23 24 25 26
OUT1常开
触点
AL1 触点
AC/DC
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
AC/DC

8-1



3





4 Modbus-RTU

1

1 1200 2400 4800 9600 1 8 1

2

1

	(03)		0001	CRC16
010310010001D10A				
	01 03 1001( )0001 0001 D10A CRC CRC 5 CRC C++			

2

		2		CRC16
0103027FFFD834				
	01 03 02(2)7FFF D834 CRC 7FFF 10 32767			

3 126

	(06)	00xx		CRC16
0106000A04ECAA85				
	01 06 000A( )04EC AA85 CRC 04EC 10 1260 10 12.5 125			

3、仪表各种寄存器地址列表：

			PLC
(PV)	YES	1001H~1004H	44098~44101
	NO	1101H~1004H	44354~44358
+	1101H: D15-D8 = 0~100; D3 D2 D1 D0 = 4 3 2 1; 1 0		
5-1			
LocK LoCU	NO	0000H	40001
BAUD bAud	NO	0003H	40004
1	5-1		
SU1~ COL1	-	0004H~0012H	40005~40019
2	5-1		
SU2~ COL2	-	0013H~0021H	40020~40034
3	5-1		
SU3~ COL3	-	0022H~0030H	40035~40049
4	5-1		
SU4~ COL4	-	0031H~003FH	40050~40064

4

1).

“ 5-1 ”

2). 0.2

3).

4). 32767 7FFFH HH 32512 7F00H LL

5). CRC , (

)

5

1).

. ADDR CRC

.

. 300ms

2). PLC ,

PLC, MODBUS-RTU MODBUS

. 8 1 300ms , >2

. 16

6 CRC C++

```
void CRC16_S(byte[] data, int len)
        {
            byte CRC16Lo;
            byte CRC16Hi;   //CRC寄存器
            byte CL, byte CH;       //多项式码&HA001
            byte SaveHi; byte SaveLo;
              int Flag;
              CRC16Lo = 0xFF;
              CRC16Hi = 0xFF;
                CL = 0x01;
                CH = 0xA0;
                for (int i = 0; i < len; i++)
                {
                    CRC16Lo = (byte)(CRC16Lo ^ data[i]); //每一个数据与CRC寄存器进行异或
                     for (Flag = 0; Flag <= 7; Flag++)
                     {
                         SaveHi = CRC16Hi;
                         SaveLo = CRC16Lo;
                         CRC16Hi = (byte)(CRC16Hi >> 1);      //高位右移一位
                              CRC16Lo = (byte)(CRC16Lo >> 1);      //低位右移一位
                              if ((SaveHi & 0x01) == 0x01)
                              {
                                  CRC16Lo = (byte)(CRC16Lo | 0x80);
                              }
                              if ((SaveLo & 0x01) == 0x01)
                                  {
                                      CRC16Hi = (byte)(CRC16Hi ^ CH);
                                      CRC16Lo = (byte)(CRC16Lo ^ CL);
                                  }
                              }
                          }
                          data[len++] = CRC16Lo;
                          data[len] = CRC16Hi;
                      }
```

5

	KC			□	□	□	□	□	□	
	160×80mm :152×76mm 96×96mm :92×92mm 72×72mm :68×68mm 88×107×59mm DIN 35			M MA MD MR						
	4				XJ4					
	1					□ 1				
	: K, E,J, R, S, T,WR25,N : 0 - 5V, 1 - 5V		: Pt100, Cu50 0 - 10mA, 4 - 20mA DC				W A M			
	0/12v 4-20mA 0-10v			4 PID				□ G A B		
	100 to 240V AC 24V DC 72×72								□ 1	
	RS-485(MODBUS-RTU) RS-232(MODBUS-RTU)									RS RX