LZ-801M


2010F328-44


粤制 00000048号



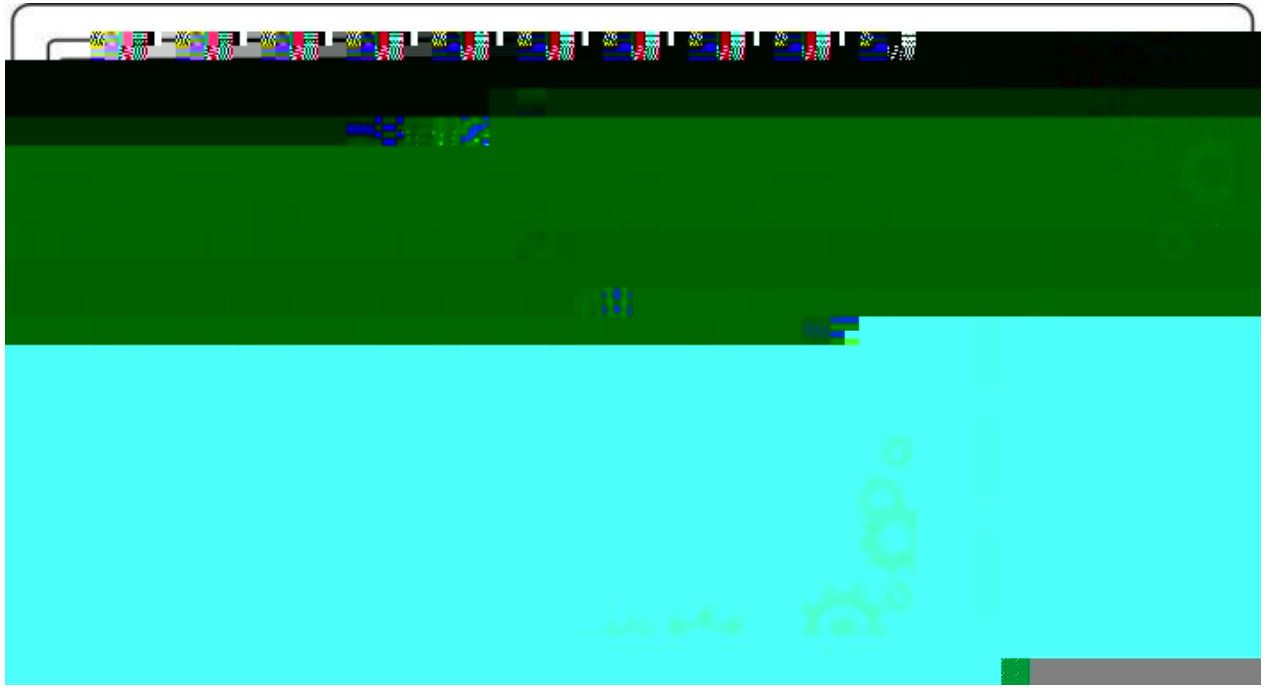
LZ-801M

1.1

RS485 RS232

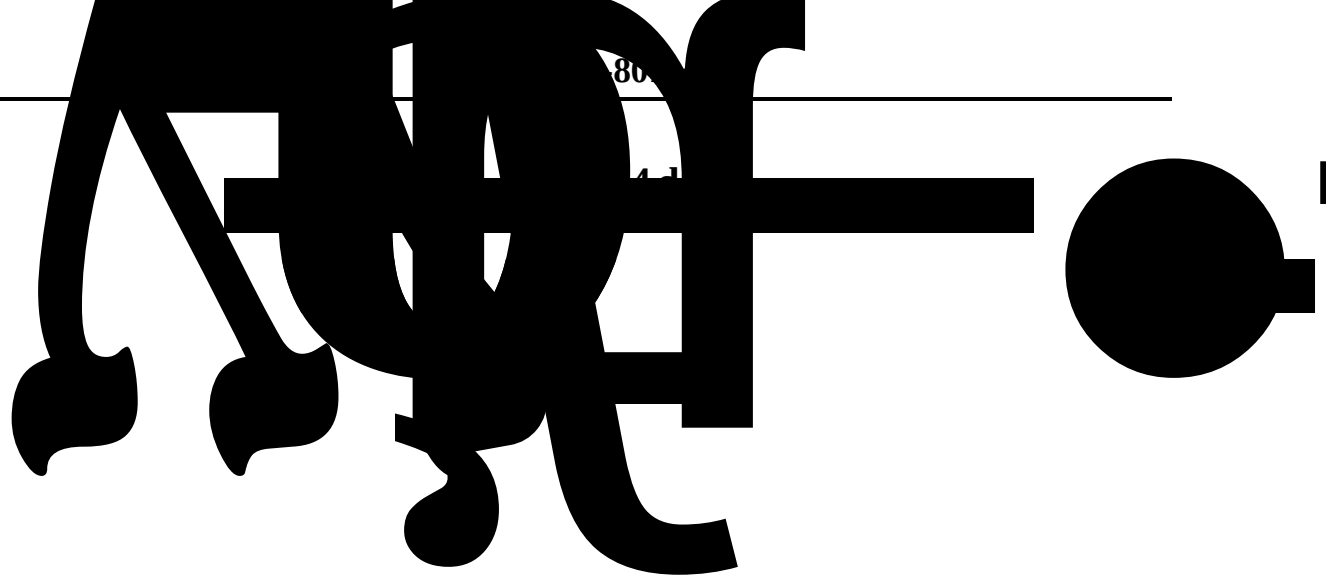
AD

1.2



LZ-801M

ZERO STAB HOLD:



1.3

1.3.1

DC24V±5%
-10 40
90%R.H
10W
110×89×60 mm

1.3.2

DC5V 200mA MAX
10MΩ
2mV/V -10 10mV
0.1uV/d
-10 10mV(2mV/V)
Sigma - Delta
A/D 120 480 960
0.01% F.S
10PPM/
1/100000

1.3.3

6

OFL

5

4

2.1

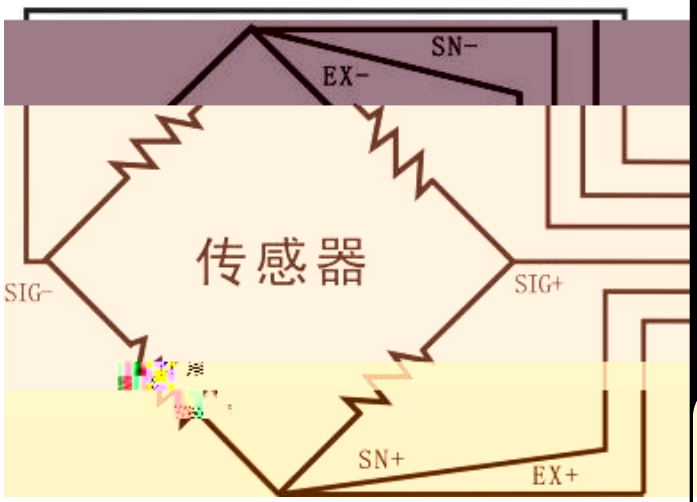
LZ-801M **24V**

2.2

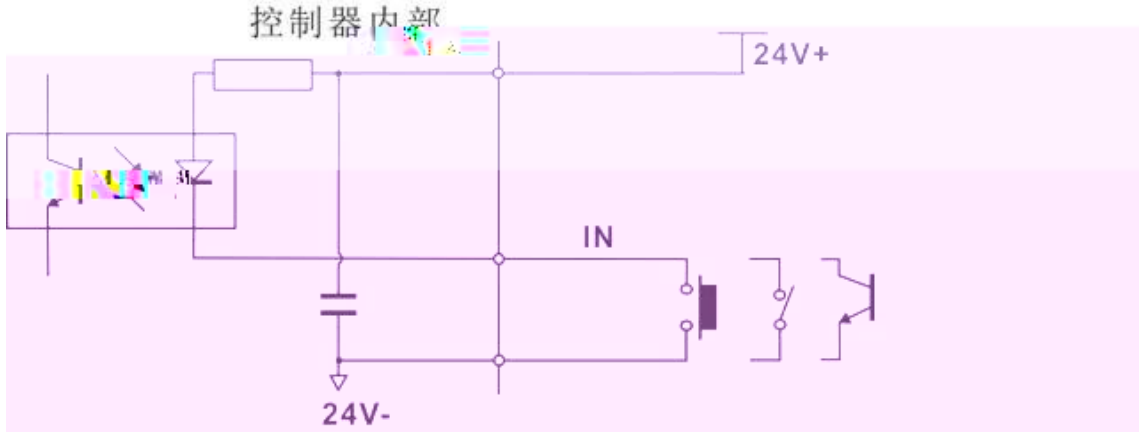
LZ-801M

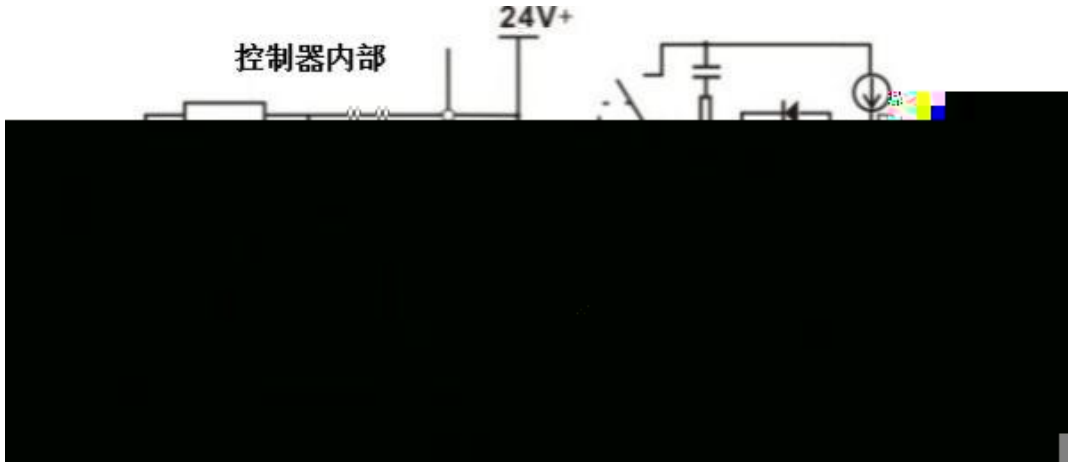
SN+ **EX+**

2.2.1



1


控制器内部
24V+
IN
24V-


24V+
控制器内部

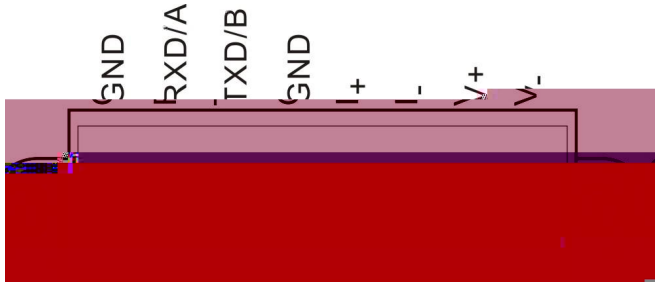
2.4

LZ-801M **RS232** **RS485**

2.4.1

4.3 OPTION **3**

.



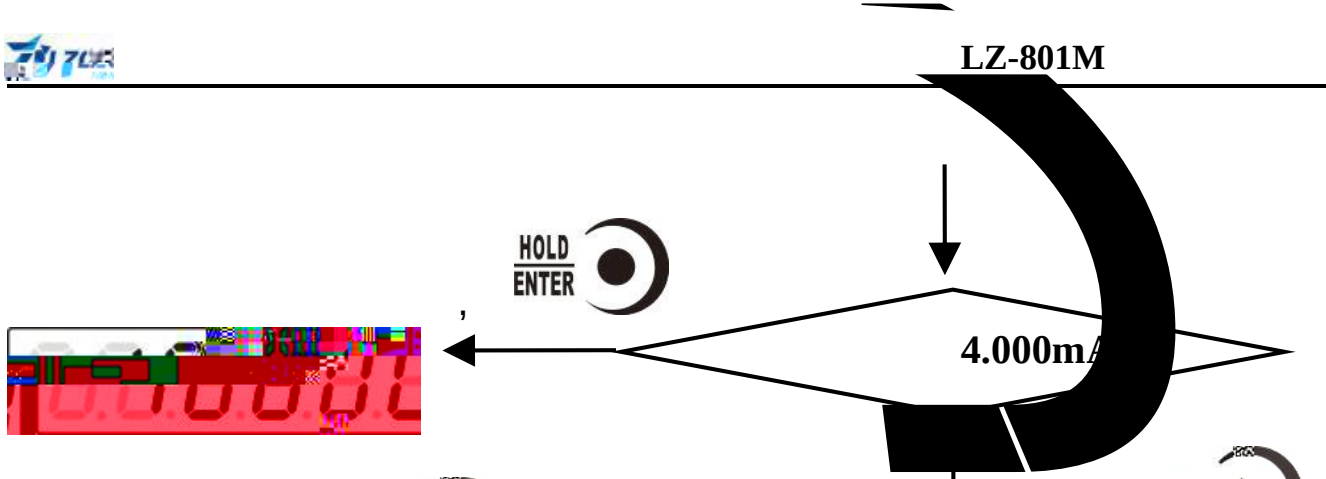
V+ **V-**

I+ **I-**

0~5V **0~10V**

4~20mA　0~20mA　0~24mA





HOLD ENTER

MODE

MODE

DA

4.000mA

12.000mA

HOLD ENTER

4.000mA

MODE

12.000mA

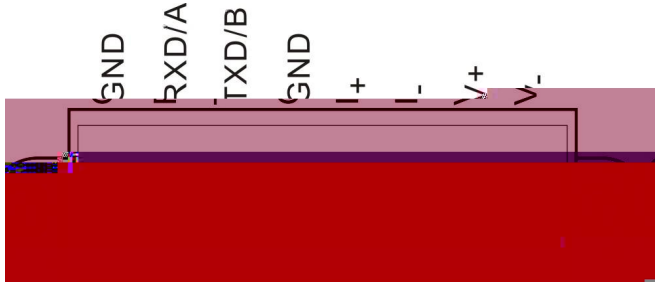


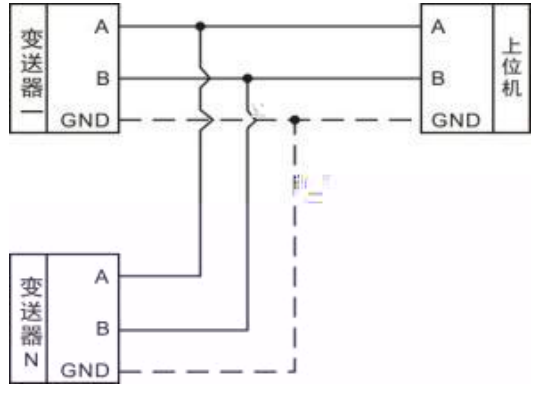
24000 24.000mA

2.4.2 RS485

RS485 485 6

RS485



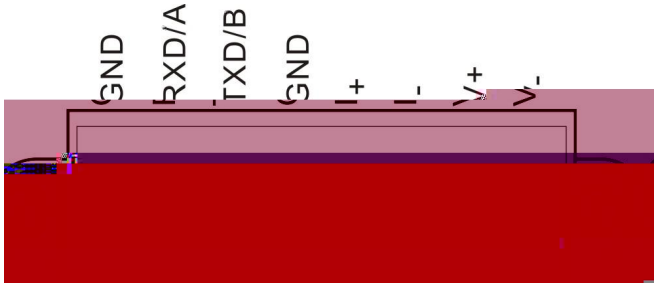


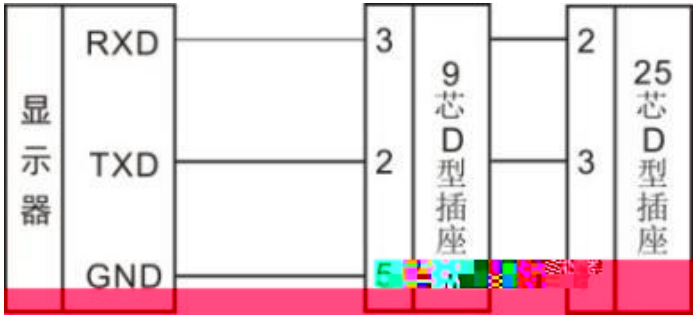
GND

2.4.3 RS232

RS232 6

RS232





3.1

LZ-801M





3.8

3.4

3.2









4. OPTION 1 2
5 10 20 50

HOLD ENTER



5. 100000

HOLD ENTER

HOLD ENTER

HOLD ENTER



6.

SIG+/SIG-
3.3



7



STAB





8





⇔ **9**

HOLD ENTER

OPTION

HOLD ENTER

ZERO ESC



⇔ **10** **7.2**

ZERO ESC

3.3

OFL -OFL

OFL -OFL

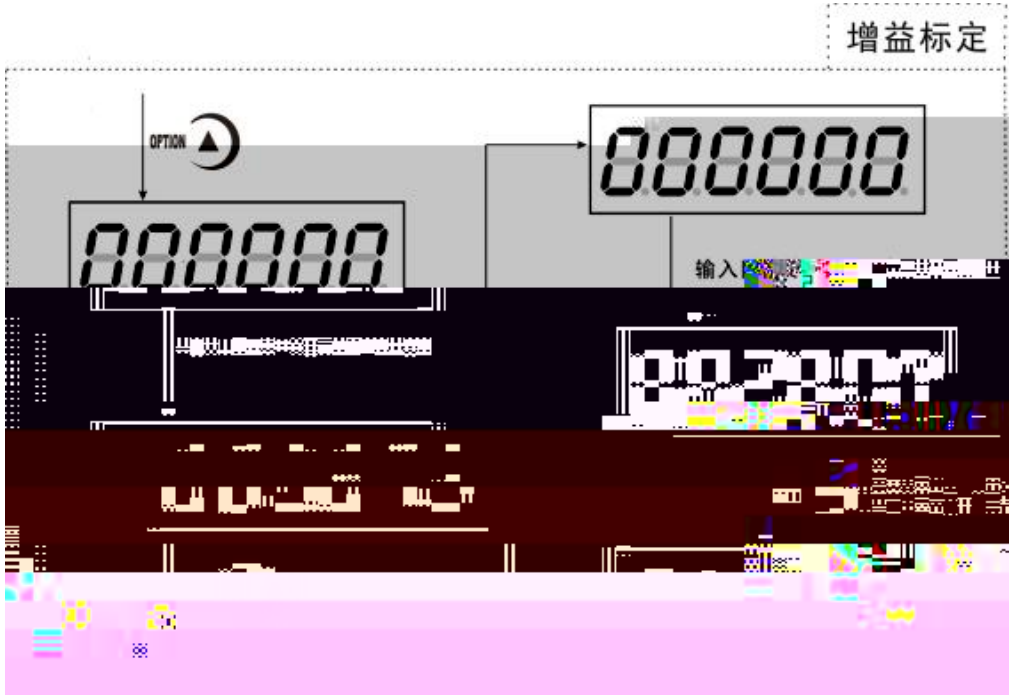
3.4

	mV	mV			
1					
2					
3					
4					
5					

3.5

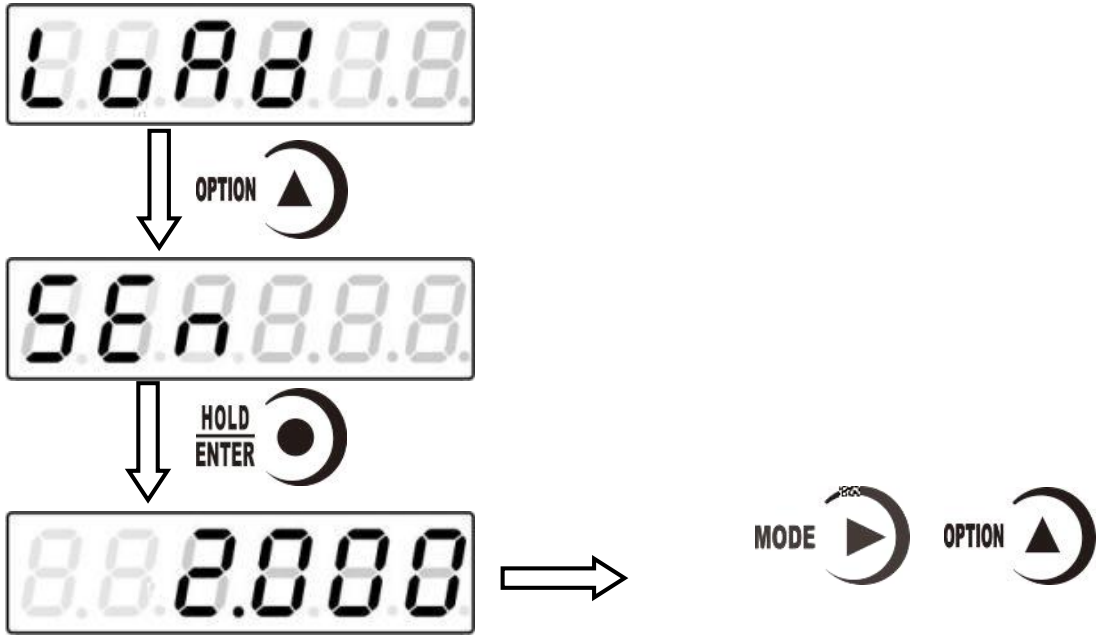
1





3.6





3.7

RS SP1 Modbus

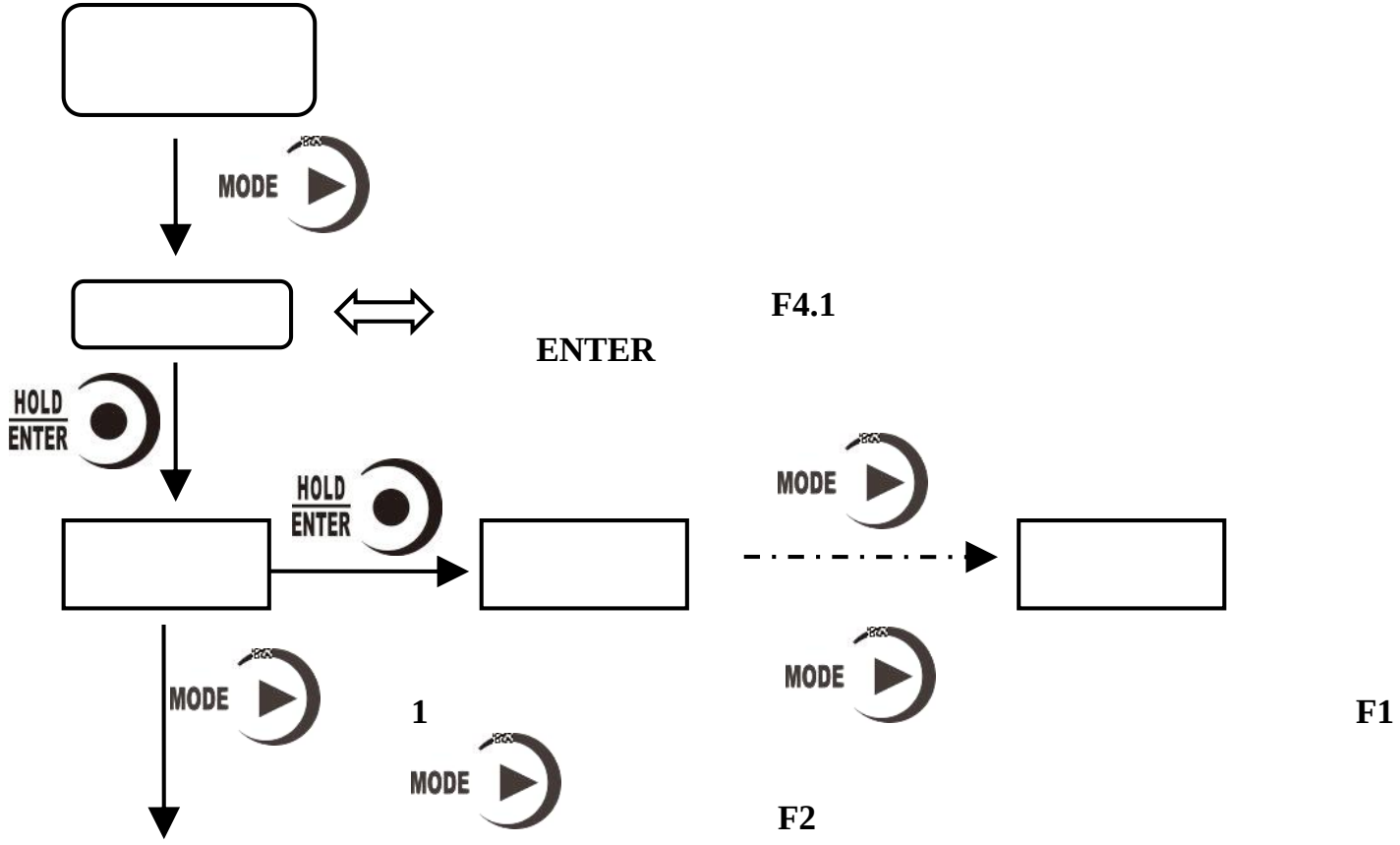
ON

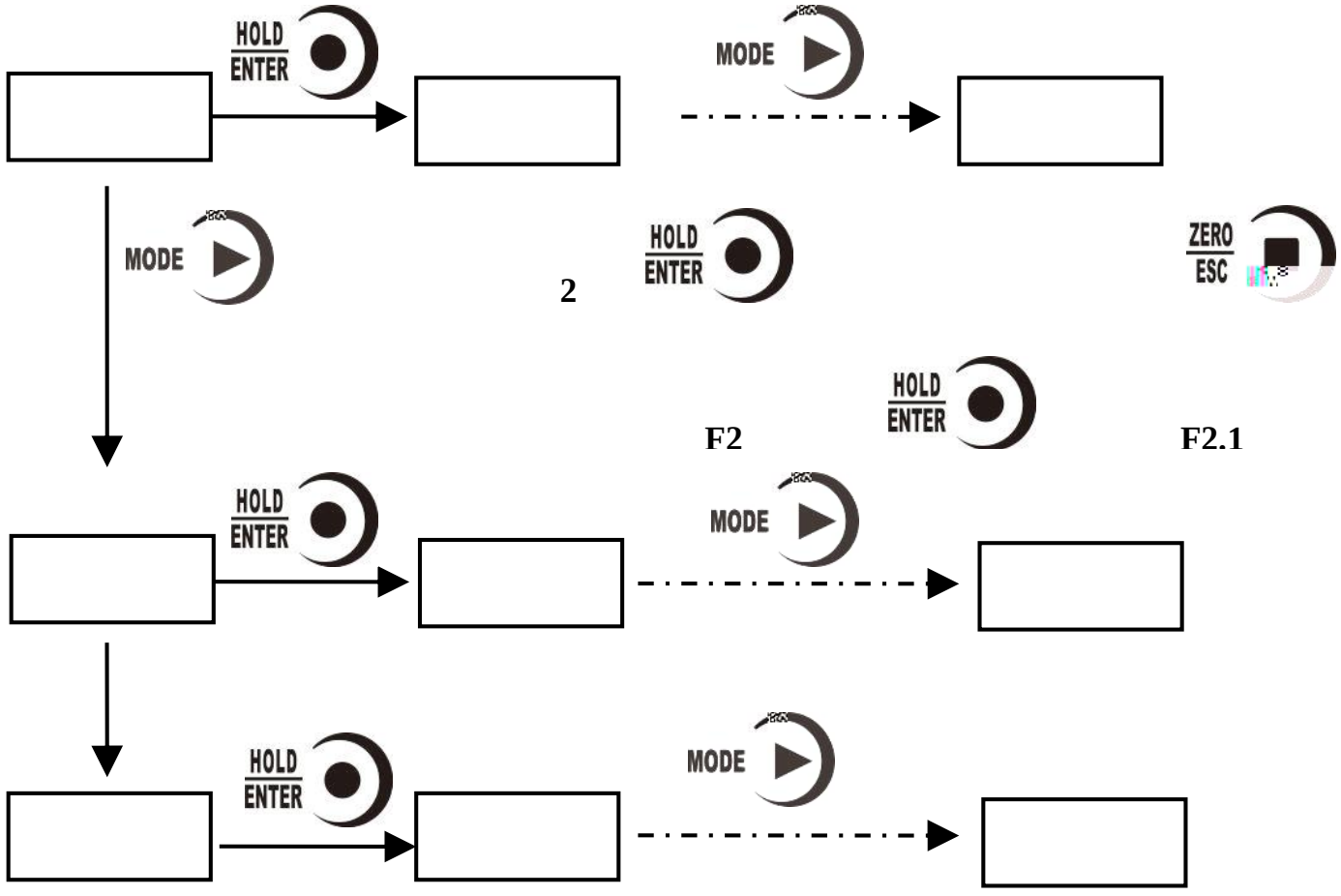
3.8

Pt		**5**	**0 0.0 0.00 0.000 0.0000**	**0**
1d		**6**	**1 2 5 10 20 50**	**1**
CP			**100000**	**10000**
t				
o				
LOAD				
SEN				
C				
SIOCAL				**OFF**
PASS				**000000**

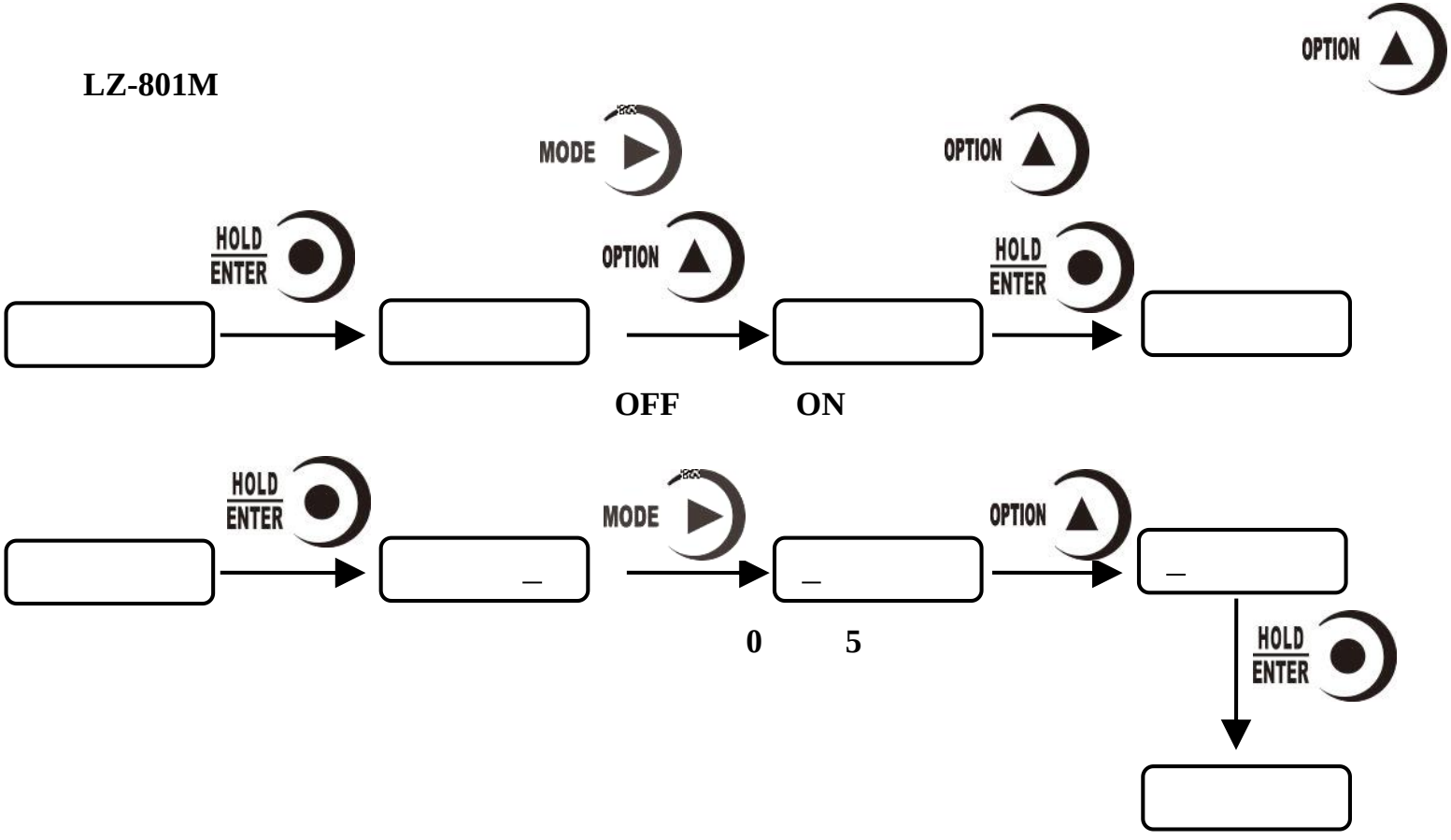
1

4.1


MODE
F4.1
ENTER
HOLD
ENTER
HOLD
ENTER
MODE
MODE
MODE
1
F1
MODE
F2


HOLD
ENTER
MODE
MODE
2
HOLD
ENTER
ZERO
ESC
F2
HOLD
ENTER
F2.1
HOLD
ENTER
MODE
HOLD
ENTER
MODE

4.2


LZ-801M
OPTION
MODE
OPTION
HOLD
ENTER
OPTION
HOLD
ENTER
OFF
ON
HOLD
ENTER
MODE
OPTION
_
_
_
0
5
HOLD
ENTER

4.3

F1											
F1.1	ON/OFF	OFF					ON				
F1.2	0-9	0				0~9d					
									0		
F1.3	1-9	1			1~9d						
F1.4	00-99	50						00%~99%			
				Error2							
F1.5	0-9	5				0		9			
F1.6	0-9	0			0		9				
F1.7	0~2	0	AD			0:120	/s	1:480	/s	2:960	/s

F2			
F2.1	00~99	01	
F2.2	9600~ 57600	9600	
F2.3	b-rtu/ Cont/ rS-SP1/	b-rtu	Modbus-RTU MODBUS RTU Cont: rS-SP1: 6.1
F2.4	7-E-1/ 7-O-1/ 8-E-1/ 8-O-1/ 8-n-1/ 8-n-2	8-E-1	7-E-1 7 1 7-O-1 7 1 8-E-1 8 1 8-O-1 8 1 8-n-1 8 1 8-n-2 8 2
F2.5	HiLo LoHi	HiLo	MODBUS Hi Lo Lo Hi

F2.6	none/10/20 /30/40/50	nonE	
F3			—
F3.1	4-20/ 0-20/ 0-24/ 0-5/ 0-10/ I_out/ V_out	4-20	4-20 0-20 0-24 0-5 0-10 I_out V_out F3.2-F3.5
F3.2	0~24000	3920	
F3.3	0~24000	4000	
F3.4	0~24000	20000	
F3.5	0~24000	20020	
F4			
F4.1	ON/OFF	OFF	
F4.2	******	00000-ﻸr	

4.4

P1-P4

PX.1	**ON/OFF**	**OFF**
PX.2	**0.0~99.9**	**0.0**
PX.3	**0**	**0**

PX.4	-99999~99999	0	
PX.5	-99999~99999	0	

4.5

HOLD			
H1	0~4	0	
H2	0~1	0	
H3	0~999999	100	

			OPTION

5.1

O0		**O0**
O1		
O2		
O3	**1**	**1**
O4	**2**	**2**
O5	**3**	**3**
O6	**4**	**4**

I0		**I0**
I1		
I2	**1**	**1**
I3	**2**	**2**
I4	**3**	**3**
I5	**4**	**4**
I6		

I7		

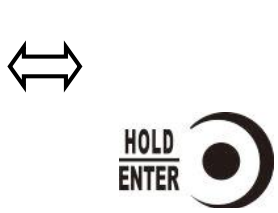
5.2

IO











5 **TESTio**



OUT1



OUT2

IN1 **OUT1**

LZ-801M RS232/485 RS SP1 Modbus bus

2.4.2 2.4.3

6.1 RS- SP1

Cont Read

9600/19200/38400/57600

ASCII

W R C O

6.1.1

R	WT 5754		8
R	SP 5350		4
W	DC 4443		8
R/W	PT 5054		1
R	DD 4444		2

R	CP 4350	6
R/W	AC 4143	1
R/W	TR 5452	1
R/W	MR 4D52	

			3
R	RM		7 D6D5D4D3D2D1D0 D6 D5-D0 6 ASCII 3
C	ZY		
C	ZN		6
C	GY		6
C	GN		12
O	CZ		
O	P1S~ P4S		
O	P1C~P4C		
O	HS		

6.1.2

1 CRC
2
3
4

5

6

1 31H

6.1.3

STX					CRC	CR	LF

STX 1 02H

2 00~99

2 40H

D6 D5 D4 D3 D2 D ² Й ß

02 30 31 31 40 4120 20 20 37 30 30 32 34 0D 0A

700

6.1.4

STX	R	WT	CRC	CR	LF

2 **40H**

D6	D5	D4	D3	D2	D1	D0

STX			R		E		CRC	CR	LF

1

2

MR(4DH 52H)

02 30 31 31 524D52 3839 0D 0A

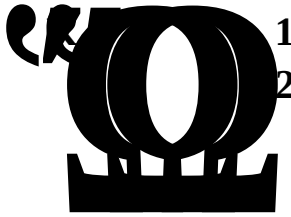
02 30 31 31 52 4D 52 36 34 33 0D 0A **6**

02 30 31 31 53 4D 52 45 32 30 39 0D 0A

STX			W	DC			CRC	CR	LF

STX **W DC**

DC 2 44H 43H
O 1 4FH
1 4BH
2 1/2/5/10/20/50
6





02 30 31 3157 44 43 30 35 30 31 30 30 30 30 36 30 0D 0A 5

10000

02 30 31 31 57 44 43 4F 4B 32 34 0D 0A
02 30 31 31 57 44 43 45 35 39 32 0D 0A

STX

02 30 31 3157 5A 52 35 30 30 38 0D 0A **50**

02 30 31 31 57 5A 52 4F 4B 36 31 0D 0A

02 30 31 31 57 5A 53 45 33 32 38 0D 0A

STX			C	ZY	CRC	CR	LF

STX			C	ZY	O	K	CRC	CR	LF

STX			C	ZY	E			CR	

Z 1 5AH

Y 1 59H

02 30 31 31 435A 59 39 34 0D 0A

02 30 31 31 43 5A 59 4F 4B 34 38 0D 0A
02 30 31 34 43 5A 59 45 36 32 30 0D 0A

STX			C	ZN		CRC	CR	LF

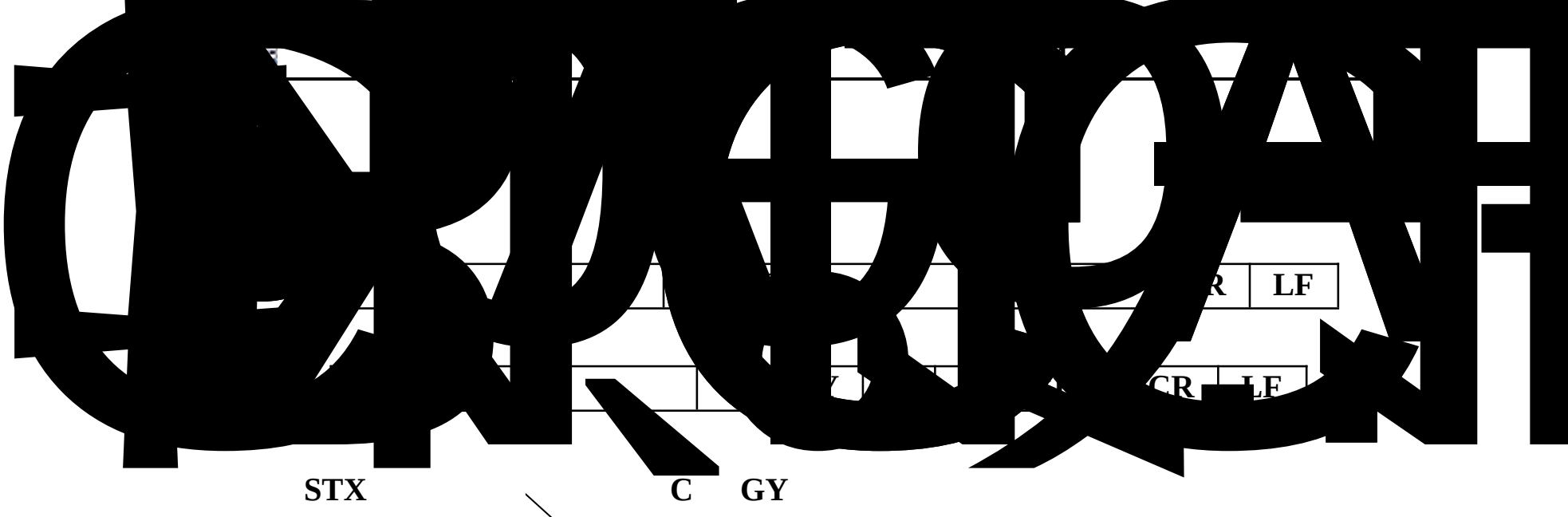
STX			C	ZN	O	K	CRC	CR	LF

STX			C	ZN	E		CRC	CR	LF

ZN 2 5AH4EH
6 4

02 30 31 31 43 5A 4E 30 31 32 36 31 30 38 31 0D 0A
02 30 31 31 43 5A 4E 4F 4B 33 37 0D 0A
02 30 31 31 43 5A 4E 45 34 30 34 0D 0A

1



STX C GY

STX **C GN**

STX			O	CZ	O	K	CRC	CR	LF

STX			O	CZ	E				

02 30 31 31 4F 43 5A 38 34 0D 0A
02 30 31 31 4F 43 5A 4F 4B 33 38 0D 0A
02 30 31 31 4F 43 5A 45 35 30 36 0D 0A

CRC

ASCII

02	30	31	31	4F	43	5A	38	34	0D	0A

02 5A 180 Hex 384
38 34

6.2 Modbus

MODBUS RTU 8

02		
03		
04		
07		

6.2.1 Modbus

PLC		
		0x03
40001	**0000**	**4**
40002	**0001**	
40003	**0002**	**D15 D14..D5 D4 D3 D2 D1 D0** **0 0: 0: 0: 0:** **1: 1: 1: 1:**

40004	0003	
……	……	0
40006	0005	

0x06

40022	0021		
40023	0022		1
40024	0023		
40025	0024	-10~10.000mV	-10mV
40026	0025		
40027	0026		

40046~40047	0045~0046	1
40048	0047	2 0 1
40049	0048	2 0-999 : 0-99.9
40050	0049	2
40051~40052	0050~0051	2
40053~40054	0052~0053	2
40055	0054	3 0 1
40056	0055	3 0-999 : 0-99.9
40057	0056	3
40058~40059	0057~0058	3
40060~40061	0059~0060	3
40062	0061	4 0 1
40063	0062	4 0-999 : 0-99.9
40064	0063	4
40065~40066	0064~0065	4
40067~40068	0066~0067	4
40069	0068	

40070 0069

00001	0000	0	1
00002	0001	0	1
00003	0002	0	1
00004	0003	0	1
00005	0004		
00006	0005		
00007	0006		
00008	0007		
00009	0008		
00010	0009		
00011	0010		
00012	0011		
00013	0012		
00014	0013		
00015	0014		

0x01 0x05

0 OFF 1 ON

FF00H ON ON

1 0

00016	0015		
00017	0016		
00018	0017		
00019	0018		
00020	0019		
00021~ 00032	0020~ 0031		

7.1

000000

F4.1 **ON**






Error 4

7.3



880202

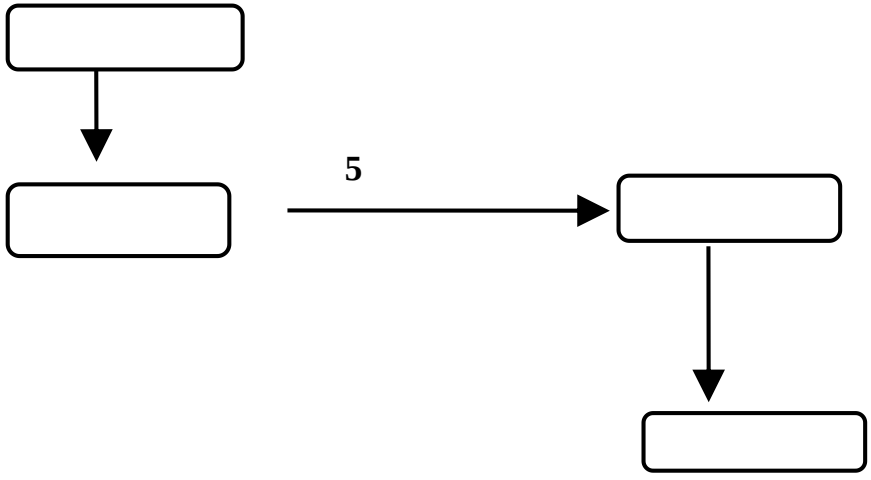


1 F SEt



2 F SEt




5

92 45 mm

