

LZ-801M



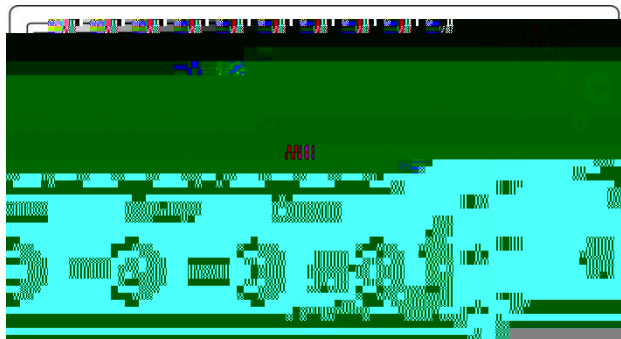
LZ-801M

1.1

RS485 RS232

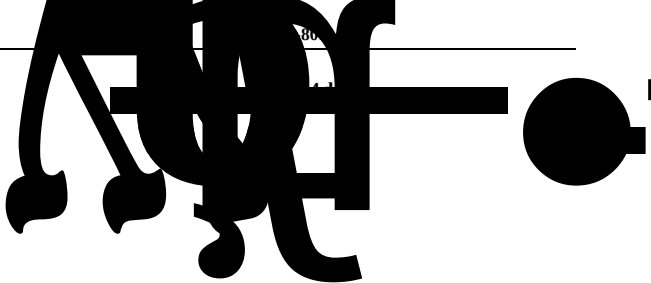
AD

1.2



LZ-801M

ZERO
STAB
HOLD:



1.3

1.3.1

DC24V $\pm$ 5%

-10 40

90% R.H

10W

110 $\times$ 89 $\times$ 60 mm

1.3.2

DC5V 200mA MAX

10M Ω

2mV/V -10 10mV

0.1 μ V/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

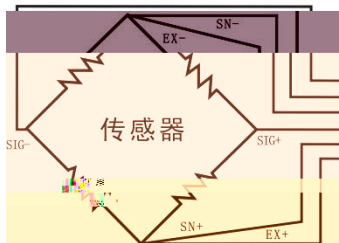
24V

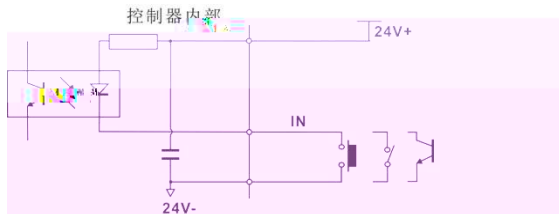
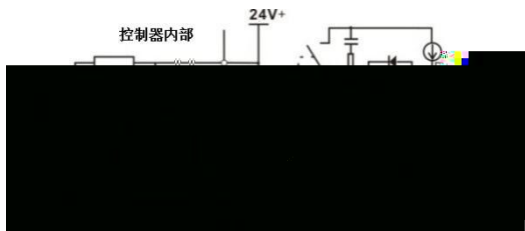
2.2

LZ-801M

SN+ EX+

2.2.1





2.4

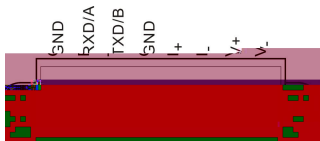
LZ-801M

RS232 RS485

2.4.1

4.3

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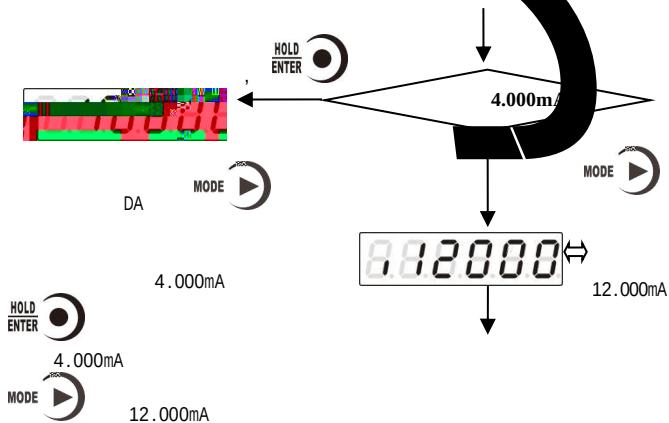

V+
I+

V-
I-

0~5V 0~10V

4~20mA 0~20mA 0~24mA





0.24000

HOLD
ENTER

HOLD
ENTER

24000

24.000mA

2.4.2

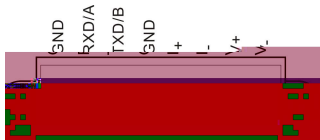
RS485

RS485

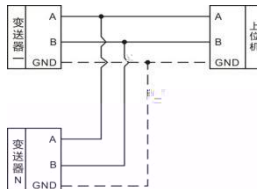
485

6

RS485



GND

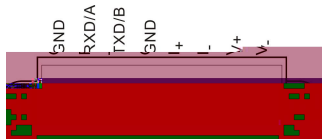


2.4.3 RS232

RS232

6

RS232



3.1

LZ-801M



3.8

3.4

3.2





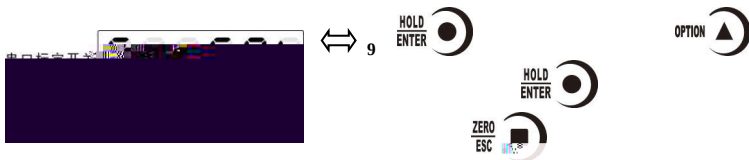
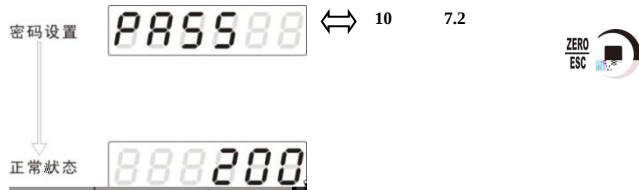


STAB



8





3.3

OFL -OFL

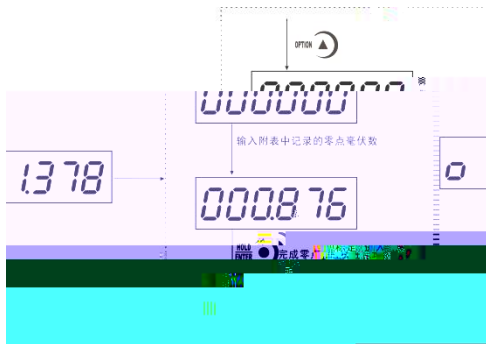
OFL -OFL

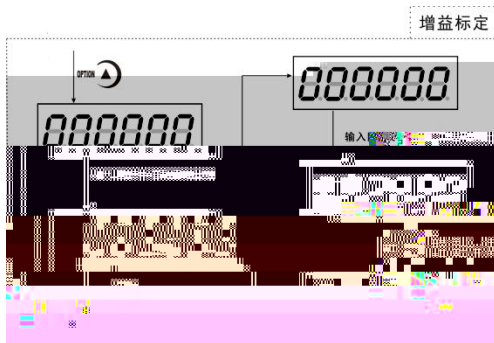
3.4

	mV	mV			
1					
2					
3					
4					
5					

3.5

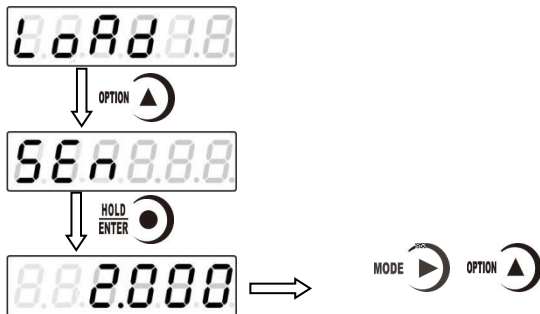
1





3.6





3.7

RS SP1 Modbus

ON

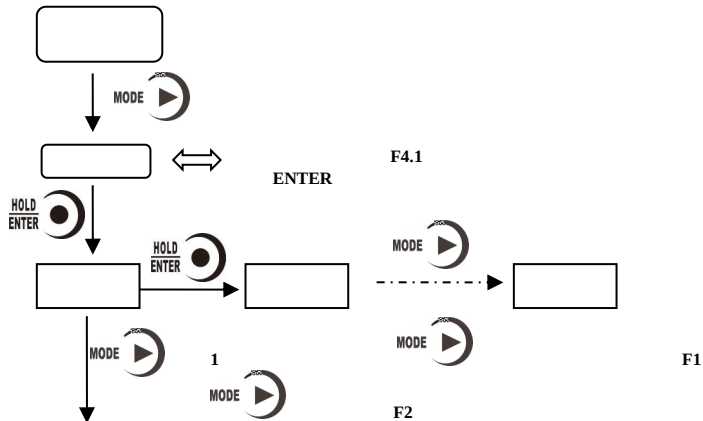
3.8

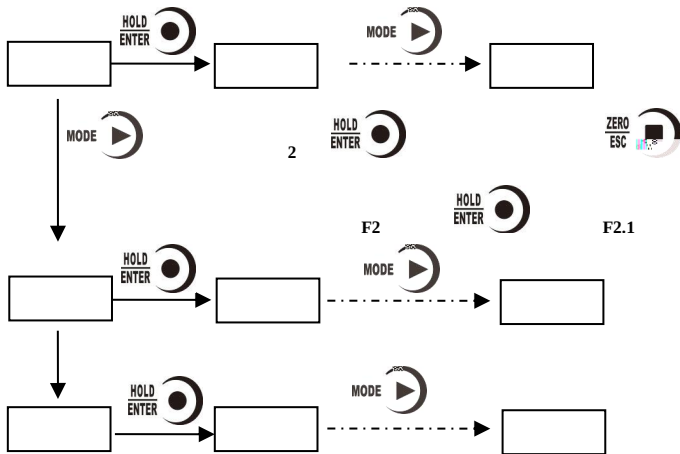
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Pt		5	0	0.0	0.00	0.000	0.0000	0	
1d		6	1	2	5	10	20	50	1
CP			100000					10000	
t									
o									
LOAD									
SEN									
C									
SIOCAL								OFF	
PASS								000000	

1

4.1

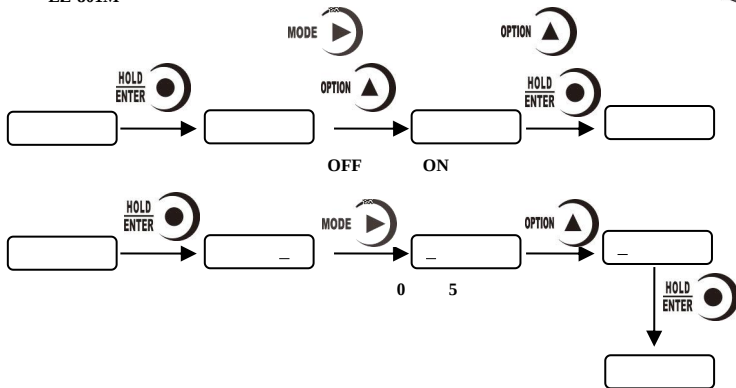




4.2

LZ-801M

OPTION



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 Lo Hi Hi Lo

F2.6	none/10/20 /30/40/50	nonE			
F3					—
	4-20/ 0-20/ 0-24/ 0-5/ 0-10/ I_out/ V_out	4-20	4-20	0-20	0-24
F3.1			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	*****	00000-80000			

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

4.5

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

			OPTION 
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5.1

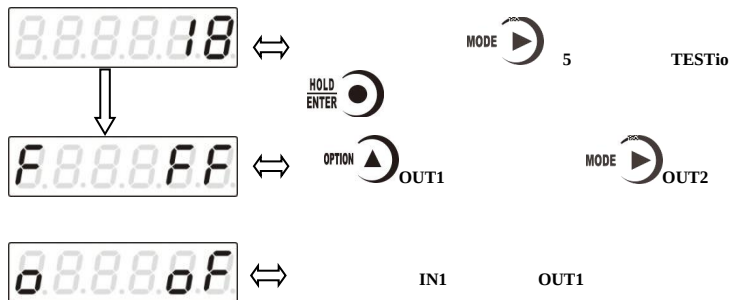
O0		O0
O1		
O2		
O3	1	1
O4	2	2
O5	3	3
O6	4	4

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

I7		
----	--	--

5.2

IO



LZ-801M
Modbus bus

RS232/485

RS SP1

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

D² Й^β

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 31 57 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 31 57 5A 52 35 30 30 38 0D 0A
 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

50

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

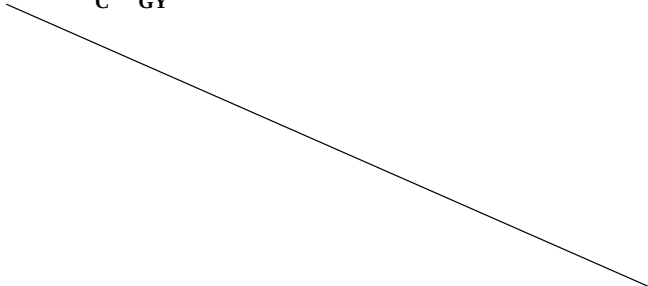
02 30 31 31 43 5A 4E 4F 4B 33 37 0D 0A

02 30 31 31 43 5A 4E 45 34 30 34 0D 0A



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:
					1:	1:	1:	1:

40004

0003

.....

.....

0

40006

0005

0x06

40022	0021		
40023	0022		1
40024	0023		
40025	0024		
40026	0025	-10~10.000mV	-10mV
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		
		0x01	0x05
00007	0006	0 OFF 1 ON	
00008	0007	FF00H ON	ON
		1	0
00009	0008		
00010	0009		
00011	0010		
00012	0011		
00013	0012		
00014	0013		
00015	0014		

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

7.1

000000

F4.1

ON



Error 4

7.3



