



XK3101-W1



1 2

1 2	5

1	1
2	1
3	1
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1

()

18~30V

20W

2

XK3104W1

PC PLC DCS

24 SIGMADELTA AD 100Hz
4 2
RS232 RS485 MODBUS RTU
RS485 Wx8
0-10V4-20mA
PROFIBUS DP
4 TFT 800 480

3

3.1

XK3101-W1	-----	2 4 RS232/RS485 24VDC 4 TFT 0-10V4-20mA PROFIBUS DP

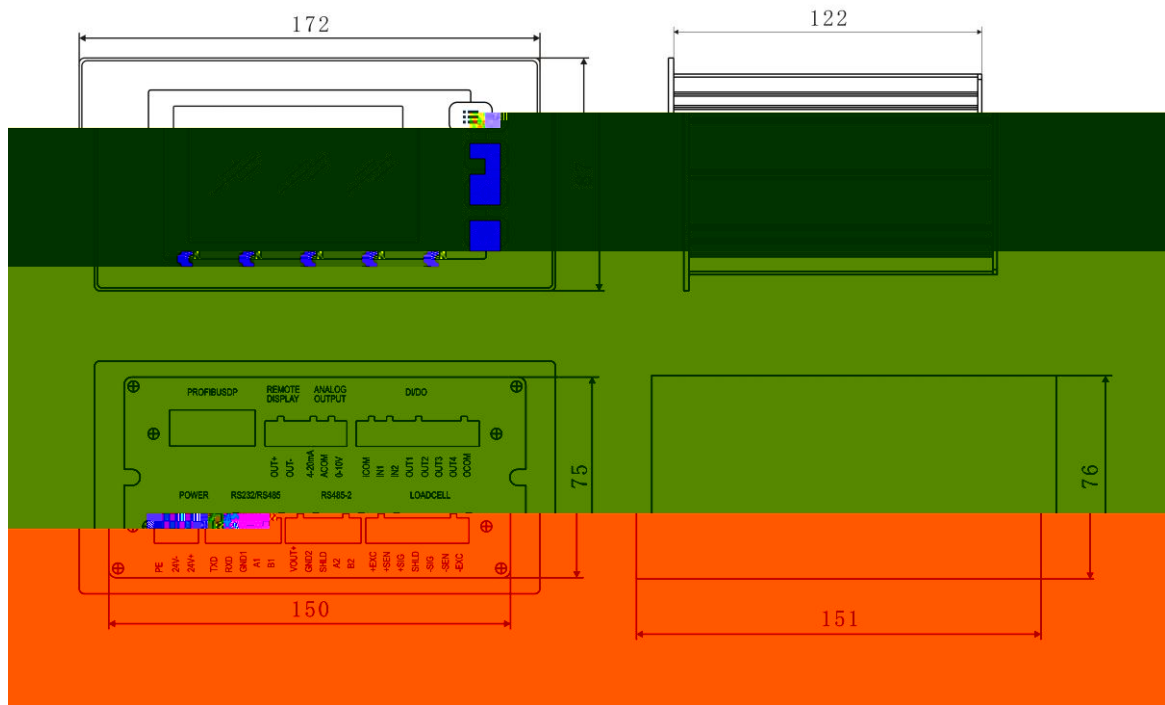
3.2

(WxHxD)	172mm x87mm x 122mm		
	0.95kg		
		IP65	IP42
	5V DC	6 350	58
		-10mV ~ +10mV	
A/D	24	-	100Hz
	20000d	0.3	v/d
	4 TFT	800	480
	10Hz		
	2		
	4	30VDC/200mA	
	1	RS232/ RS485 +1	RS485
	MODBUS-RTU		
	0.1%	500	@4-20mA
		50k	@0-10V
PROFIBUS DP			
	24VDC	<20W	
	-10 °~ +40 °C	10% ~ 90%	
	-30 °~ +60 °C	10% ~ 90%	

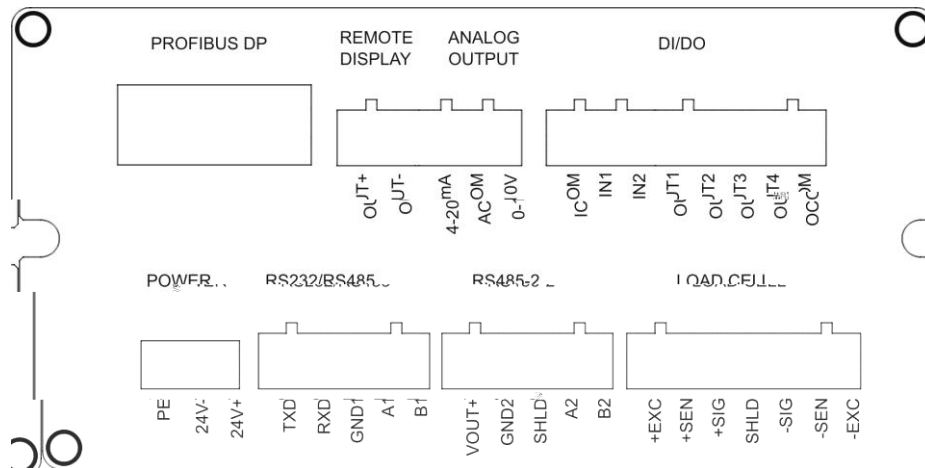
4

4.1

(W x H) 172mm X 87mm
 (W x H): 150mm X 75mm
 151mm X 76mm



4.2

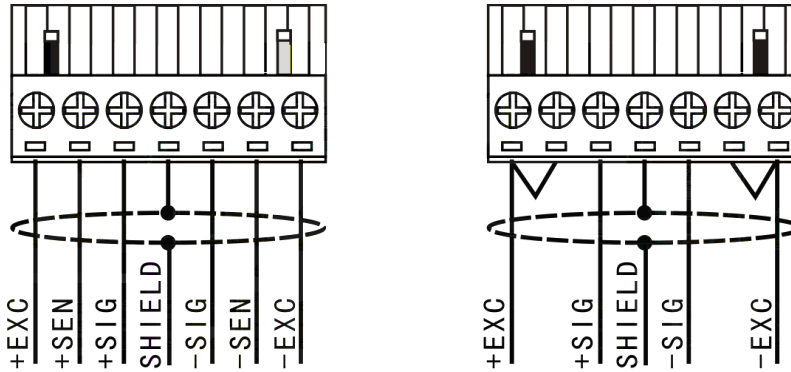


4.2.1

18~30V	
24V+	
24V-	
PE	

4.2.2

6 350 (58)
 +EXC +SEN -EXC -SEN



			<input type="checkbox"/>
+EXC			
+SEN	4 +EXC	-	
+SIG			
SHIELD			
-SIG			
-SEN	4 -EXC	-	
-EXC			

4.2.3RS232/RS485

RS232/ RS485

RS232 RS485

1	TXD	RS232
	RXD	RS232
	COM1	
	A1	RS485 A
	B1	RS485 B

4.24 RS4852

2	VOUT+	24V
	GND2	24V
	SHLD	
	A2	RS485 A
	B2	RS485 B

4.25

0-10V		0-10V
ACOM		
4-20mA		4-20mA

4.26

IN1	1	ICOM	1
IN2	2	ICOM	1
ICOM			

4.27

OUT1	1	: OUT1	OCOM
OUT2	2	: OUT2	OCOM
OUT3	3	: OUT3	OCOM
OUT4	4	: OUT4	OCOM
OCOM			

30VDC/200mA

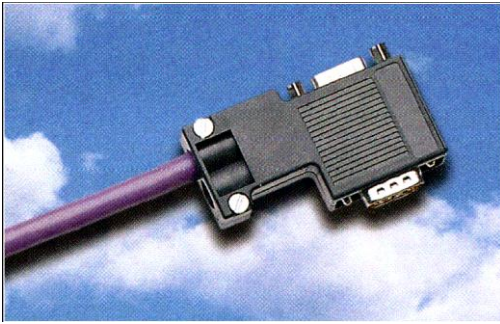
4.28 Profibus DP

PROFIBUS

PROFIBUS

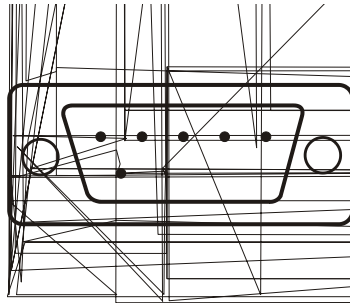
PROFIBUS

PROFIBUS



D

PROFIBUS



4.29

5

5.1





1

ID GPRS IMIE
 (MODBUS RTU)
 MODBUS 1 2 MODBUS RTU
 4-20mA 4-20mA 0-10V DAC OFF

PROFIBUS PROFIBUS DP
 GPRS
 GPRS

2

RS232/485 COM2 RS485 PROFIBUS DP

3

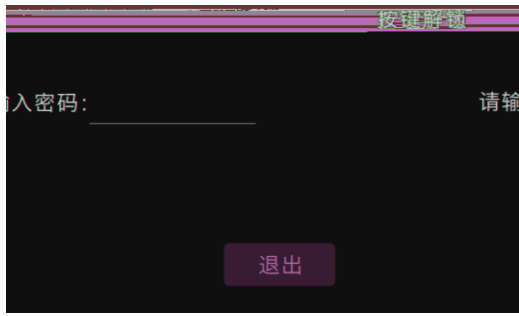
SP1-4 IN1 IN2

4

5

6

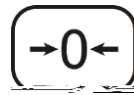
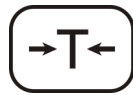




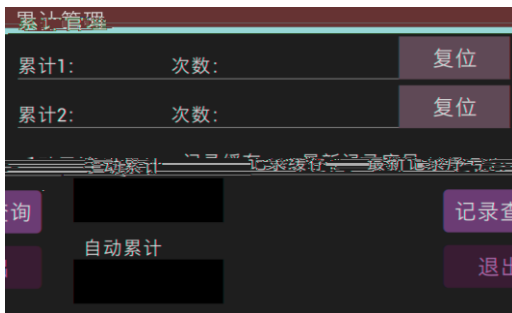
“123”

10

5.2



5.3



2

SP1

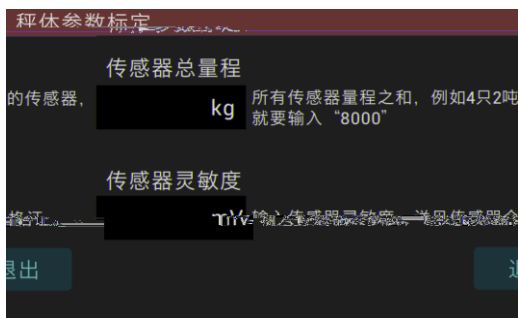
200

GPRS

200

5.4

7.3



7.4

-> -> ->

标定记录				
序号	日期	时间	标率	电流(mA)
01	18-05-20	14:08:00	0.036959	1.3

10

7.5

-> -> ->

超载记录总数 1			
序号	日期	时间	重量
1	18-05-20	15:08:00	10998
2			
3			
4			
5			
6			
7			
8			
9			
10			

10

8



\4-20mA\0-10V

1000kg

250kg

500kg

4-20mA

1

12mA

2

8mA

8.1



8.2



4

2

IN1

IN2

4

OUT1 1 SP1

OUT2 2 SP2

OUT3 3 SP3

OUT4 4 SP4

0

SP4 0 OUT4 1-4 OUT4

3

5

2

IN1

IN2

4

OUT1

OUT2

OUT3

OUT4

SP1

SP2

SP3

SP4

10.2



11



0-9



0-99

0.0-1.0uV

20

0.3uV

20

0.3uV



0-99

0

>0

12 COM1/COM2



	1	1	
	2	2	
	3	3	
	4	MODBUS RTU	
	5		
	6		
	7	COM2	
	1	8	/
	2	8	/
	3	8	/
	4	7	/
	5	7	/
	1	MODBUS RTU	1 2 3
	2400/4800/9600/19200/38400/57600		
	600		
	0-99	Modbus	0

12.1

12.1.1 1

2400 10Hz
4800/9600 20Hz
19200 50Hz
38400/57600 100Hz

1	=02H		
2		A	
	.0		
	.1	001 = xxxxx0	010 = xxxxxx 011 = xxxxx.x
	.2	100 = xxxx.xx	101 = xxx.xxx
	.3	0	
	.4	0	
	.5	1	
	.6	0	
3		B	
	.0	0	0 / 0 1
	.1	0 / 1	

	.2	0 /															1	
	.3	0 /										1						
	.4	1																
	.5	1																
	.6	0																
	4		C															
.0		4				1					2							
.1		0001 OUT1																
.2		0010 OUT2																
.3		0100 OUT3																
		1000 OUT4																
.4		0= / 1=20X																
.5		1																
.6	0																	
5	ASCII																	
6																		
7																		
8																		
9																		
10																		
11	ASCII																	
12																		
13																		
14																		
15																		
16																		
17	=0DH																	
18	17																	

12.1.2 2

2400 10Hz
4800/9600 20Hz
19200 50Hz
38400/576600 100Hz

	1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16	17	18
	1			2															
	S	T	,	G	S	,	+					1	2	8	8	k	g	CR	LF

1 ST US

2 NT GS

CR LF

12.13 3

2400 10Hz
 4800/9600 20Hz
 19200 50Hz
 38400/576600 100Hz

7

0

=	0							0D	0A

12345

0012345

=	0	0	1	2	3	4	5	0D	0A

1234.5

01234.5

=	0	1	2	3	4	.	5	0D	0A

-1234.5

1234.5

=		1	2	3	4	.	5	0D	0A

12.1.4 MODBUS RTU

MODBUS RTU 03 06 MODBUS
 F3.x.1=3 8 MODBUS

		,				
40001		(100Hz)				
40002		(100Hz)				
40003	.0	OUT1	0=	/ 1=		
	.1	OUT2	0=	/ 1=		
	.2	OUT3	0=	/ 1=		
	.3	OUT4	0=	/ 1=		
	.4	0				
	.5					
	.6					
	.7					
	.8					
	.9	0000=1	0001=2	0010=5	0011=10	
	.10	0100=20	0101=50	0110=0.1	0111=0.2	
	.11	1000=0.5	1001=0.01	1010=0.02	1011=0.05	
	.12	1100=0.001	1101=0.002	1110=0.005	1111	
	.13	IN1	0=	/ 1=		
	.14	IN2	0=	/ 1=		
.15	0					
40004-40005		32 (100Hz)				
40006-40007		32 (100Hz)				
		□				
40009		SP0				
40010		SP1				
40011		SP2				
40012		SP3				
40013		SP4				
40014		PR1	1			
40015		PR2	2			
40016		PR3	3			
40017		PR4	4			
40018	.0	OUT1	0=	/ 1=		
	.1	OUT2	0=	/ 1=		
	.2	OUT3	0=	/ 1=		
	.3	OUT4	0=	/ 1=		

40020-40021	32 (10Hz) _____
40022-40023	32 (10Hz) _____
40024	1 _____
40025	2 _____
40026	3 _____

12.1.5

600 9 1 1

3

bit	0	1	2	3	4	5	6	7	8
					/		G16	G17	0

bit	0	1	2	3	4	5	6	7	8
	G8	G9	G10	G11	G12	G13	G14	G15	0

bit	0	1	2	3	4	5	6	7	8
	G0	G1	G2	G3	G4	G5	G6	G7	1

9 0
D0 D1 D2--- 0-3
D3 1- 0-
D4 / 1- 0-
D5
G17 G16
9 0
G15~G8
9 1
G7~G0
G0~G17 18

12.1.6

8

7

2018/05/20
14:09:06
1200kg
200kg
1000kg

Weighing list
DATE 2018/05/20
TIME 14:09:06
GRO. 1200kg
TARE 200kg
NET 1000kg

12.1.7

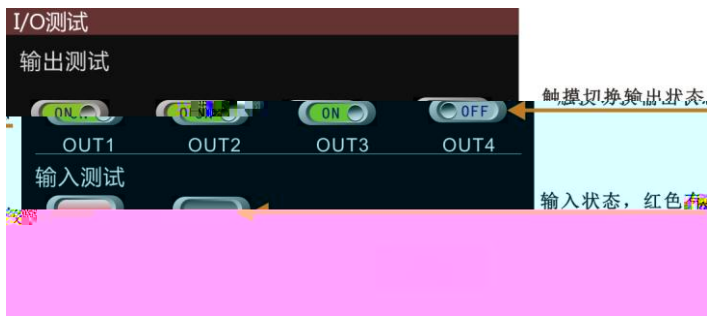
COM2 WX-8GPRS

13

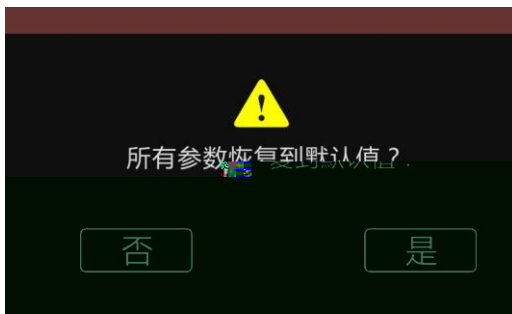


13.1

:

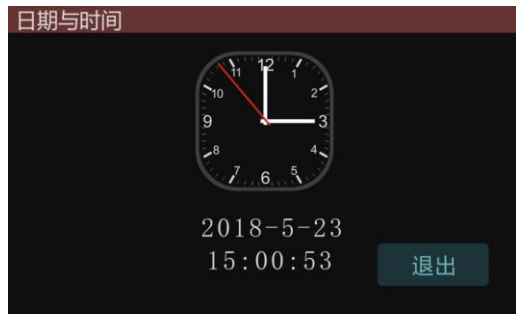


13.2

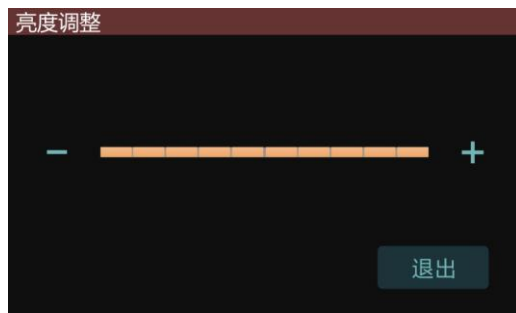


	1 2 20% 3 4 5d 5 5 6 7 0 0.0uV 8 0 0kg
	COM1 RS232/RS485 1 MODBUS RTU 2 9600 3 8
	COM2 RS485 1 2 115200 3 8
	1
	SP1 500 SP2;1000 SP3:1500 SP4:2000 10
	SP1 0 SP2 0 SP3 0 SP4 0 1.0 3
	4-20mA

13.3



13.4



13.5



+

14

14.1

2.5mm

14.2

14.3

	1 2	1 2
	1 2	1 2
		1 2 3
COM1,COM2, PROFIBUS DP	1 2 3	
	1 2	

1	XK3101-W1	1	
2	XK3101-W1 /	1	
3		1	

8

!
!
!
!
!

□
□

□

49031010043
20180731

1		A5	A4
2		70g	200g
3			
4			
5		70g	80g
6			
7			