

VER1.0

iDIN800

!



!

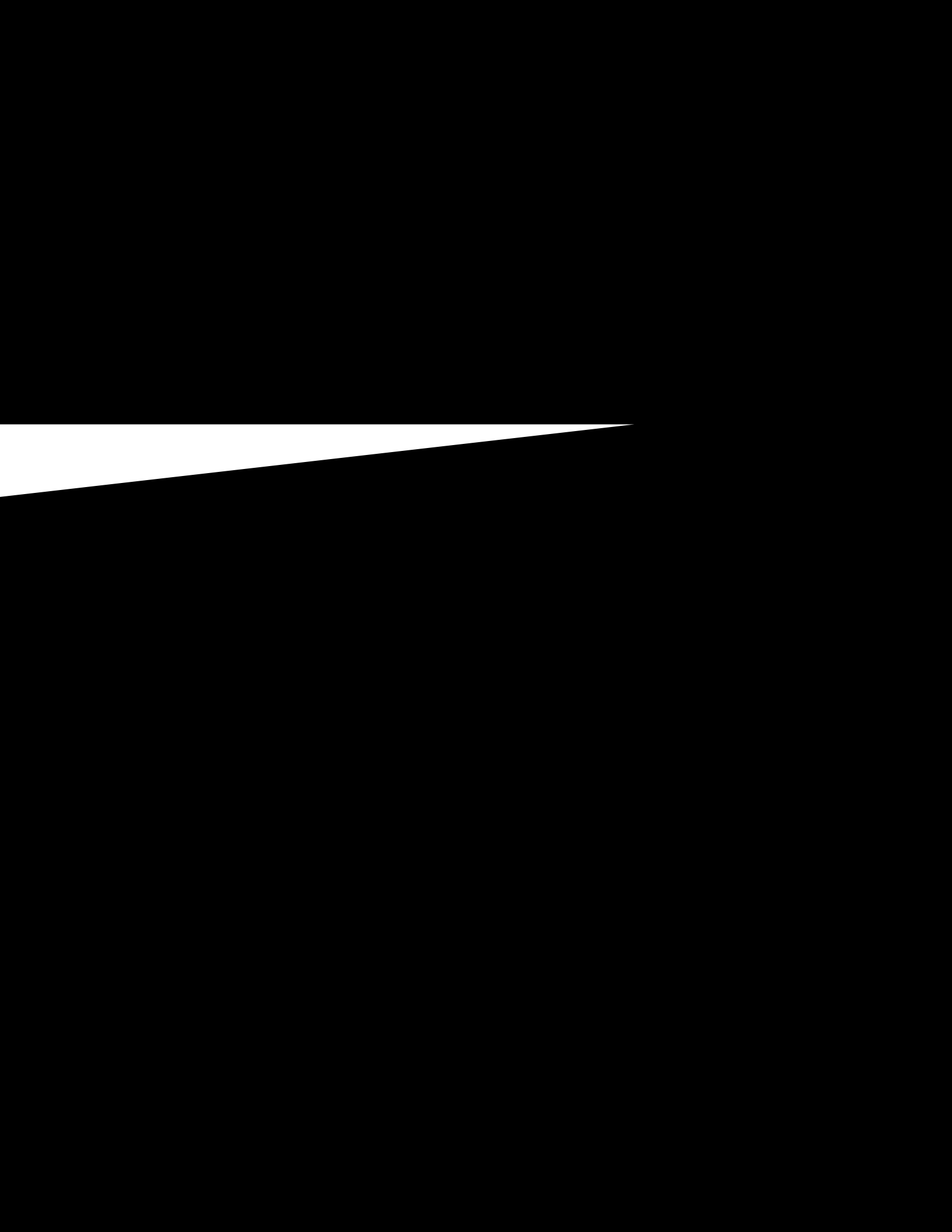


!



|               |       |   |
|---------------|-------|---|
| 1             | ..... | 1 |
| 2             | ..... | 1 |
| 3             | ..... | 1 |
| 3.1           | ..... | 1 |
| 3.2           | ..... | 2 |
| 3.3           | ..... | 2 |
| 3.4           | ..... | 2 |
| 3.5           | ..... | 2 |
| 3.6 “ ”       | ..... | 3 |
| 3.7           | ..... | 3 |
| 3.8           | ..... | 3 |
| 3.9           | ..... | 3 |
| 3.10          | ..... | 3 |
| 4             | ..... | 4 |
| 4.1           | ..... | 4 |
| 4.2           | ..... | 4 |
| 4.3           | ..... | 4 |
| 4.4           | ..... | 4 |
| 4.5           | ..... | 4 |
| 4.6           | ..... | 4 |
| 4.7           | ..... | 4 |
| 4.8           | ..... | 4 |
| 4.9           | ..... | 4 |
| 4.10          | ..... | 5 |
| 4.11 JB/T7631 | ..... | 5 |
| 4.12          | ..... | 5 |
| 4.13          | ..... | 5 |
| 4.14          | ..... | 5 |
| 5             | ..... | 6 |
| 6             | ..... | 6 |

|                 |       |    |
|-----------------|-------|----|
| 6.1             | ..... | 6  |
| 6.2             | ..... | 6  |
| 7               | ..... | 7  |
| 7.1             | ..... | 7  |
| 7.2             | ..... | 8  |
| 8               | ..... | 9  |
| 8.1             | ..... | 9  |
| 8.2             | ..... | 9  |
| 8.3             | ..... | 10 |
| 8.4             | ..... | 10 |
| 8.5 “ ”         | ..... | 11 |
| 8.6             | ..... | 11 |
| 8.7             | ..... | 11 |
| 8.8             | ..... | 12 |
| 9               | ..... | 12 |
| 10 iDIN800-01C  | ..... | 13 |
| 10.1            | ..... | 13 |
| 10.2            | ..... | 13 |
| 11 iDIN800-01D  | ..... | 14 |
| 11.1            | ..... | 14 |
| 11.2 4 20mA DB9 | ..... | 14 |
| 11.3            | ..... | 14 |
| 12              | ..... | 15 |
| 13              | ..... | 16 |
| 14              | ..... | 16 |
| 15              | ..... | 17 |



## 3.2

### 3.2.1

PA Pb PC

### 3.2.2

#### 3.2.2.1

τ

#### 3.2.2.2

υ φ χ

#### 3.2.2.3

υ φ χ

10 S

#### 3.2.2.ψ

ω ι ü  
υ φ χ ó ψ

## 3.3

ú ó

È

Ë

ᄢ

ᄣ ᄢ

15

## 3.ψ



ψ

ψ.1

-20.0 2ψ0.0У

ψ.2

Ц1ЧШП

0.Ј

0.Ј

Щ 0.1У

ψ.3

Ъ - 20 Ы ЈЈ У

Ь Э ИЈЧ

220V AC Ы10Ч -1ЈЧ

ЮЯ Ј0а6 – І0а6 Ц2а6

ψ.ψ

-20.0У Ы20.0У

ψ.Ј

ЎАЕ2Ј0VAC

10АЕ2Ј0VAC 10АЕ30VDC

ψ.І

В 8 г

ψ.Ў

Pt100

д е ж3з 20ЙЙ

ψ.8

ψ 20ЙА

0.0

**ψ.10**

ї н опЕТЎІ31-Иψ  
 ѡ ІПри002 с ѡ  
 т ІЕСІ1000-ψ 1ИИЈ  
 упЕТ1ЎІ2І-1ИИ8 т

**ψ.11 опЕТЎІ31****ψ.11.1**

AC 2J0V AC J0aф AC 200ЙV J0aф х ц  
 ч

**ψ.11.2**

Ё шщЮЯ 2.Јѡб ψЪV т  
 ы ь ч

**ψ.11.3 э**

шщψЪV э ю т ы ь ч

**ψ.11.ψ****я Ю**

шщЮЯ 2Ў J00Maб 3VЁЙ ё я т Ж ы  
 ь ч

**ψ.12****ψ.12.1**

Ъ 1J 30У Ъ л х ЎJё ђ Ж  
 ђ х 20 í є

**ψ.12.2**

Ъ 1J 30У Ъ л х ЎJё  
 ђ Ж ђ шщ J0aб 2sV і ї j 1Йіљ

**ψ.13**

IPψ0

**ψ.1ψ**

шщ опЕТ ИЗ2И-1ИИИ ъ

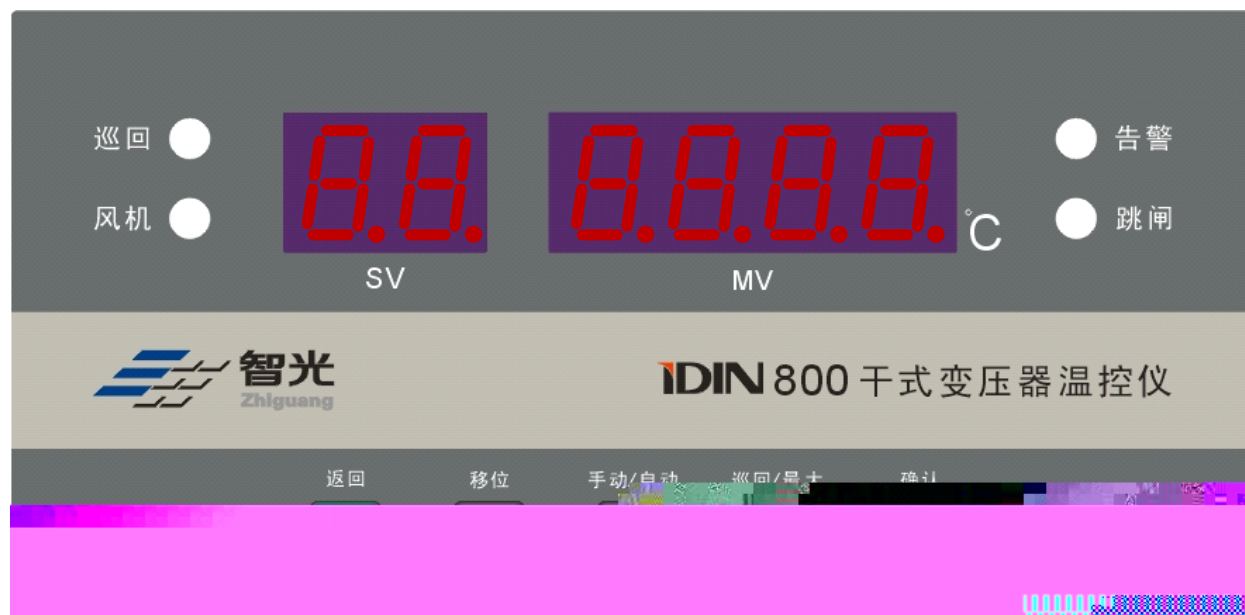
## J

3

|             |                                      |
|-------------|--------------------------------------|
|             |                                      |
| iDIN800-01B | л ħ к ѝ<br>ŷ<br>ħ к ѝ ŷ<br>“ ”<br>ЃѢ |
| iDIN800-01C | ü iDIN800-01B џ Ъ RS-485             |
| iDIN800-01D | ü iDIN800-01B џ Ъ 4~20mA             |

## I

## I.1



1

4

## I.2

## I.2.1

È



|             |         |      |                         |     |
|-------------|---------|------|-------------------------|-----|
|             | U+    Ẁ |      | ſ    Ẁ    Ẁ             |     |
|             | H+    Ẁ |      | ſ    Ẁ    ſ    Ỳ    ỳ   | т - |
|             | P+    Ẁ |      | ſ    Ẁ    ſ    Ỳ    ỳ   | т - |
|             | P+    Ẁ |      | ſ    Ẁ    ſ    Ỳ    ỳ   | т - |
|             | P+    Ẁ |      | ſ    Ỳ    ỳ    ſ    Ẁ   | т - |
|             | Er      | ErEH | ſ    SV    MV    Ỳ    ỳ | т - |
|             | Er      | ErEL | ſ    SV    MV    Ỳ    ỳ | т - |
| -           | E+    Ẁ | ErOP | ſ    SV    MV    Ỳ    ỳ | т - |
|             | ES      | ErOP | ſ    SV    MV    Ỳ    ỳ | т - |
| -           | E+    Ẁ | ErSH | ſ    SV    MV    Ỳ    ỳ | т - |
|             | ES      | ErSH | ſ    SV    MV    Ỳ    ỳ | т - |
| —           | Er      | ErCO | ſ    SV    MV    Ỳ    ỳ | т - |
| ω    —      | Er      | ErAd | ſ    SV    MV    Ỳ    ỳ | т - |
| —           | Er      | ErSF | ſ    SV    MV    Ỳ    ỳ | т - |
| Ѓ    Ѓ    — | Er      | ErrP | ſ    SV    MV    Ỳ    ỳ | т - |
| —           | Er      | ErFE | ſ    SV    MV    Ỳ    ỳ | т - |
| —           | Er      | ErFS | ſ    SV    MV    Ỳ    ỳ | т - |
| —           | Er      | ErAn | ſ    SV    MV    Ỳ    ỳ | т - |

1

2

Down

## Ў.2

1    C     / Esc    Ѓ    —O    — = ‘ ’2    ,     / Shift    ,3    /    ‘    ҂     / Up    ‘    ҂

҂ 1    “    ю    ‘    ҂    ”    й    ӱ

x

4    /    л    ‘    „     / Down    Ѓ    ‘    „    †    u    Ѓ

‘    „    „ 1    “    ю

“ ” й ѣ х л

5 ѡ  / Enter

Ѣ ѡ

## 8

### 8.1

5 Ѣ

| X<br># |   |     |       |                         |                                                             |
|--------|---|-----|-------|-------------------------|-------------------------------------------------------------|
|        |   | Ѣ Ѣ | Ѣ Ѣ   |                         |                                                             |
| 1      | ѡ | C1  | bHCS  |                         | C1 Ѣ 1<br>bHCS                                              |
| 2      | ѡ | C1  | 9009  | • ... ‰<br>M 9009       | M                                                           |
| 3      | ѡ | FC  | 080.0 | T1<br>80.0 Ѣ 0.0~200.0  | 1 •<br>... ‰ ‘ ’<br>2 ‘ ’<br>“ ” 1 Ѣ<br>Ѣ Ѣ ѡ<br>Ѣ Ѣ Ѣ<br>P |
| 4      | ѡ | FS  | 100.0 | T2<br>100.0 Ѣ 0.0~200.0 |                                                             |
| 5      | ѡ | AL  | 130.0 | T3<br>130.0 Ѣ 0.0~200.0 |                                                             |
| 6      | ѡ | AH  | 150.0 | T4<br>150.0 Ѣ 0.0~200.0 |                                                             |
| 7      | ѡ | FC  | 080.0 | < > !!                  |                                                             |
| 8      | C | Ѣ   | C     | Ѣ                       |                                                             |

1. “ T4 > T3 > T2 > T1 + 4 4 Ѣ

2. Ѣ

### 8.2

6 Ѣ

| X<br># |       |     |      |         |                |
|--------|-------|-----|------|---------|----------------|
|        |       | Ѣ Ѣ | Ѣ Ѣ  |         |                |
| 1      | ѡ ... | C2  | FJCS |         | C2 Ѣ 2<br>FJCS |
| 2      | ѡ     | C2  | 9009 | • ... ‰ | M              |

M 9009

|   |   |    |     |   |       |
|---|---|----|-----|---|-------|
| 3 | ώ | Ft | 000 | 0 | 0~200 |
|---|---|----|-----|---|-------|

|    |     |    |       |              |         |
|----|-----|----|-------|--------------|---------|
|    |     |    |       | M 9009       | ,       |
| 3  | ó   | S1 | 080.0 | !!<br>80.0 Y | M       |
| 4  | ‰   | S1 | 100.0 | x 100.0 Y    | ŕ Ŵ τ - |
| 5  | ‰   | S1 | 130.0 | x 130.0 Y    | ŕ Ŵ τ - |
| 6  | ‰   | S1 | 150.0 | x 150.0 Y    | ŕ Ŵ     |
| 7  | ‰   | S1 | 240.0 | x 240 Y      | τ -     |
| 8  | ... | S1 | 239.8 | C -20~240 Y  |         |
| 9  | ... | S1 | 149.4 | x 150.0 Y    | ŕ Ŵ     |
| 10 | ... | S1 | 129.4 | x 130.0 Y    | ŕ Ŵ     |
| 11 | ... | S1 | 79.9  | x 80 Y       | ŕ Ŵ     |
| 12 | C   | ᄀ  | C ᄃ   |              |         |

1

2

3

0.3

0.5

## 8.J “ ”

9 “ ” ᄀ

| X<br>‡ |       |     |       |                   |                                |
|--------|-------|-----|-------|-------------------|--------------------------------|
|        |       | ŕ Ŵ | ŕ Ŵ   |                   |                                |
| 1      | ó ... | C5  | rdJL  | <sup>n</sup> ᄃᄀ   | C5 O 5<br>rdJL <sup>n</sup> ᄃᄀ |
| 2      | ó     | C5  | 9009  | • ... ‰<br>M 9009 | M<br>P                         |
| 3      | ó     | rA  | XXX.X | Í A               |                                |
| 4      | ...   | rb  | XXX.X | Í B               |                                |
| 5      | ...   | rC  | XXX.X | Í C               |                                |
| 6      | C     | ᄀ   | C ᄃ   |                   |                                |

## 8.I

£ ĩ H Φ T M ” O ” Φ £

ĩ H T Pts

## 8.Ÿ

10

Ы

| X<br># |       |       |     |        |                   |                                                        |
|--------|-------|-------|-----|--------|-------------------|--------------------------------------------------------|
|        |       |       | ŕ Ŵ | ŕ Ŵ    |                   |                                                        |
| 1      | ó ... |       | C7  | UAdJ   |                   | C7 O 7<br>UAdJ                                         |
| 2      | ó     |       | C7  | 9009   | • ... ‰<br>M 9009 | M                                                      |
| 4      | ó     |       | PA  | 26.2   | A                 | 1 * €<br>-<br>и<br>2 x<br>3 -20.0 ~<br>20.0<br>4 ŷ , • |
|        | a     | ó     | bA  | 0.0    | A 0               |                                                        |
|        | b     | ‰ ... | bA  | *xx.x  | A ' ū ' „         |                                                        |
|        | c     | ó     | PA  | *##.## | A                 |                                                        |
| 5      | •     |       | PB  | 26.2   | B                 |                                                        |
| 6      | B C Ů |       |     |        |                   |                                                        |
| 7      | C     |       | C Ħ |        |                   |                                                        |

## 8.8

11

Ы

| X<br># |       |  |     |      |                  |                |
|--------|-------|--|-----|------|------------------|----------------|
|        |       |  | ŕ Ŵ | ŕ Ŵ  |                  |                |
| 1      | ó ... |  | C8  | InF0 |                  | C8 O 8<br>InFO |
| 2      | ó     |  | EU  | 0001 | MV ‰ ℓ           |                |
|        | ...   |  | 11  | 1031 | 2011 № 10 ™ 31 Ω |                |
| 3      | C     |  | C Ħ |      |                  |                |

И

iDIN800

32 ARM Cortex-M3

e -

Pt100

1/8 F 3

ARM

€

3/8

øED

M 5/8

7/8

←

3

ψ-20ŸA

↑

Ѓ Ħ

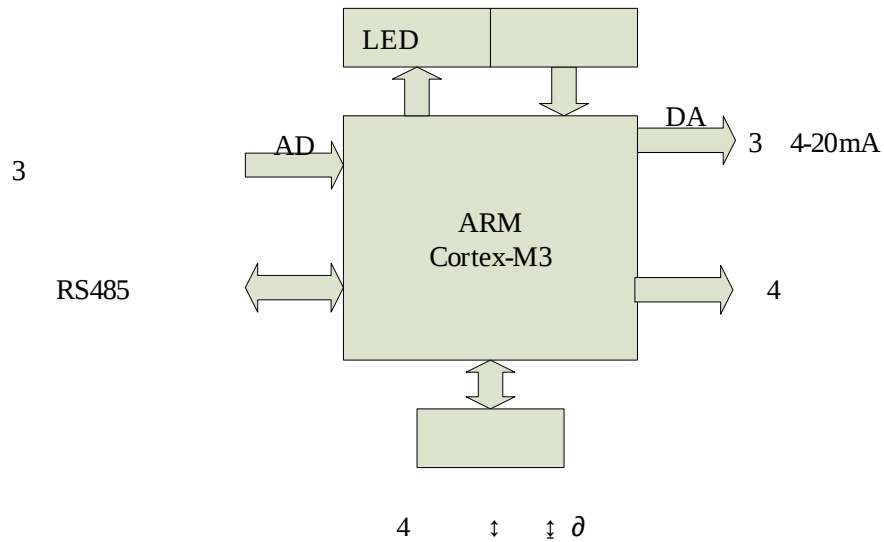
Ш→↓E+

Ÿ

RПψ8J

MoBГДЕ

↑ ↓ ∂ Δ

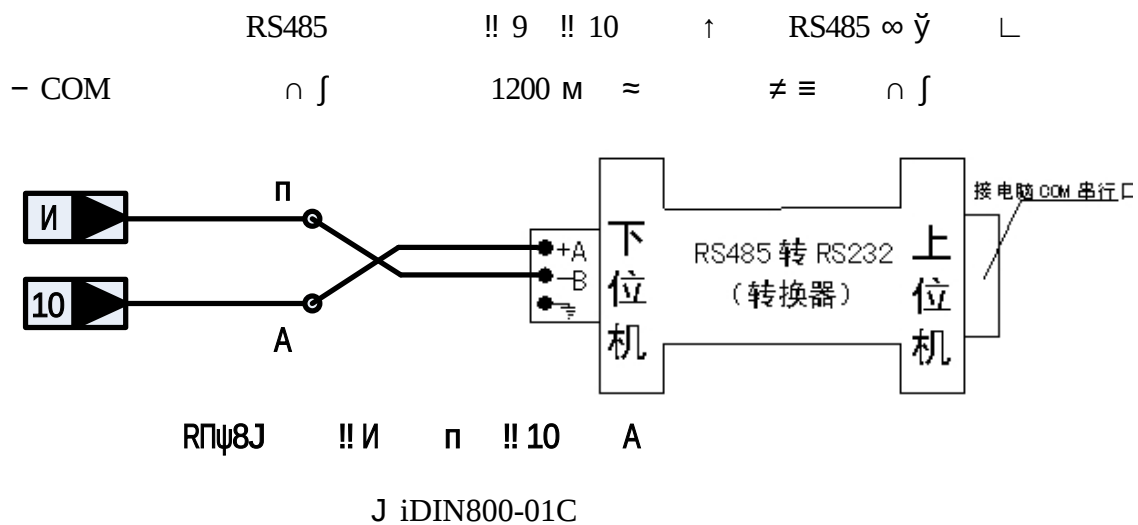


## 10 iDIN800-01C

### 10.1

1. iDIN800-01B цП ü RS-485
2. ¼ F Windows Ъ Т %
3. 32 Σ 1200 M
4. — ЪН ✓  
τ ‘ ’ % Ъ

### 10.2



## 11 iDIN800-01D

### 11.1

iDIN800-01B ц П ü

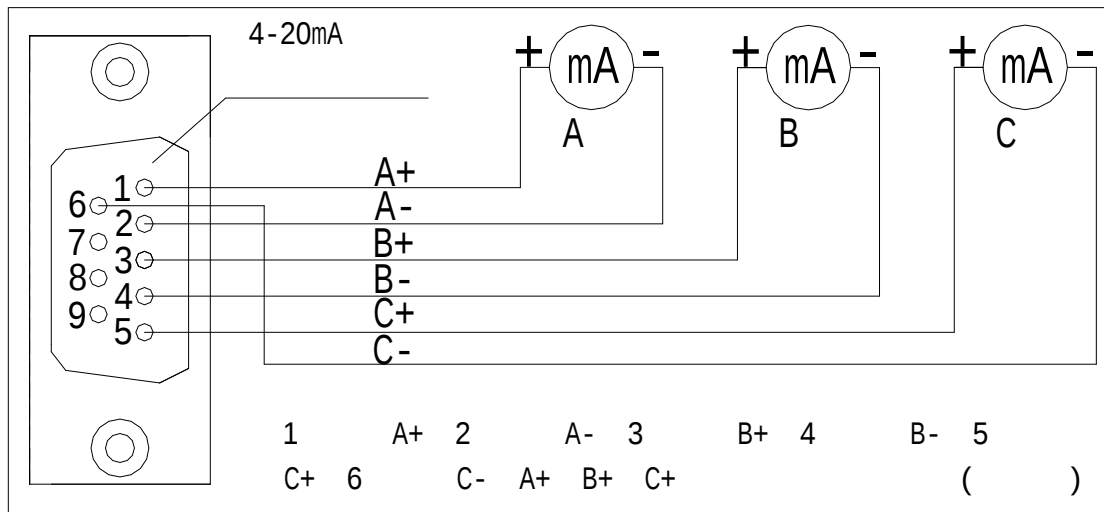
4 20mA

△ A/D ▬

[ ]

—

### 11.2 ψ 20mA ДПИ



I iDIN800-01D 4 20mA

### 11.3

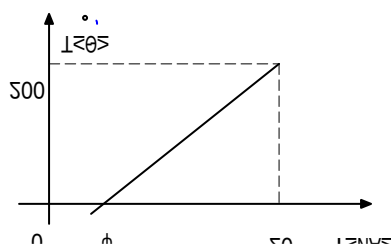
#### 11.3.1 л и й R В J00 к

Ц1Ч

ч В 0.1JЧ

#### 11.3.2

√



I | 1ITÈ200 блψ

Ж Т - Г У

I

йА

#### 11.3.3 ∞ ŷ

| — 7

Ц

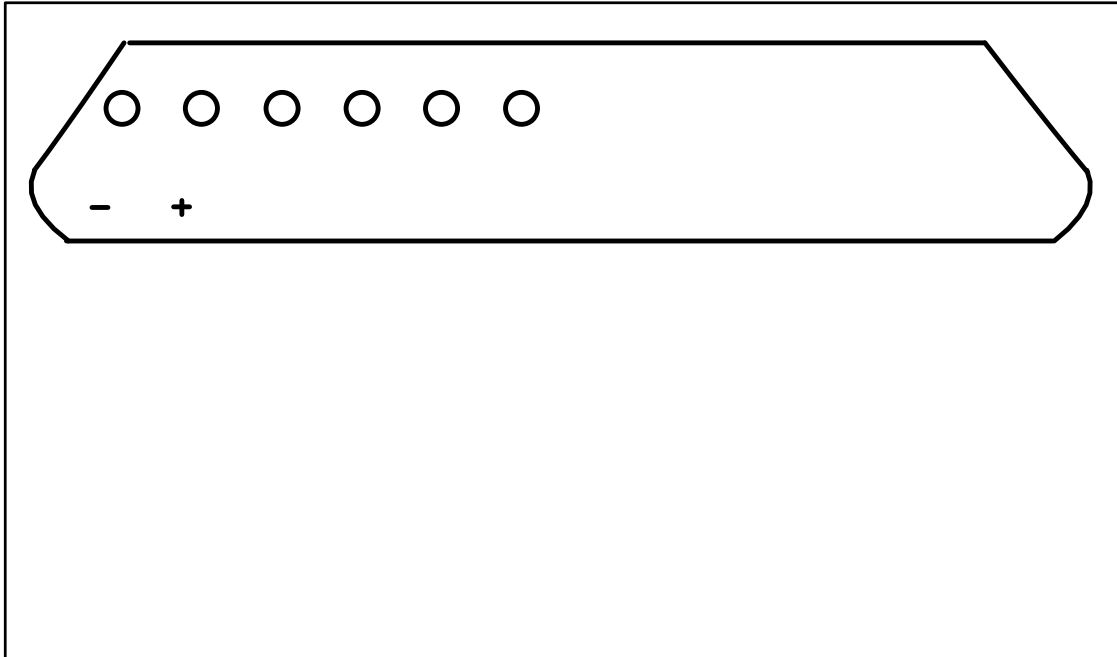
0.14 2JPPM 2J0 к Ё — 3/8 1 JV

## 12

12    ó L J

| 故障现象                        | 原因分析                                     | 处理方法                        |
|-----------------------------|------------------------------------------|-----------------------------|
|                             | 1.    卜 卜 卜 ⊥<br>2.    ⊥                 | 1.    n    卜 ⊥<br>2.    n   |
| ÿ ÿ    “ EbP↔ ErΠa ”<br>Γ W | 1<br>2                                   | 1.    n<br>2.    ÿ          |
| ÿ ÿ    “ EbP↔ ErpP ”<br>Γ W | 1.<br>2.                                 | 1. =       F ⊥<br>2.    ÿ   |
| ÿ ÿ    “ ErEa ”    Γ<br>W   | Π Λ                                      | =                           |
| ÿ ÿ    “ ErEθ ”    Γ<br>W   |                                          | n                           |
| ÿ ÿ    “ Er F F ”           | Γ    —                                   | Π                           |
| Π L                         | 1. Pt100    L L    Ü<br>2.    n ÿ    Γ L | 1. Φ Γ    L L<br>2. ⊥    J  |
| 卜                           | 1.    x<br>2.    x                       | 1.    È    τ<br>2. ⊥ x    J |
| τ                           | ”    卜 x                                 | ⊥ x    J                    |
| L    -    J<br>Γ W          | x                                        | È    Λ    ÿ ÿ               |
| ⊥                           | 1.      <br>2.                           | 1.    n<br>2.       ⊥ Π     |
| Γ W                         | <br>⊥ Π                                  | ⊥ x    J                    |
| -<br>X Δ                    | C    C                                   |                             |

13



3 ψ

J I

Ÿ 8

И 10 RПψ8J п A

11 л

13 1ψ ï 220V Ж 12

**1J**

-           ⊥ ⊥ ⊥ ≠ ∥ ⊥       ≠ ⊥ ∥ 51

■ ≤8I20≥ 32113398

■ ≤8I20≥ 32113456

■ J10ŸI0

A - [↪tt | ÈÈ . 66 . оЙ . ль](#)

ABB J1□РДль↓ль Ro↓B▪ yД↓ль 6↪oД▪ C↪iль↓

Te↪ ≤8I20≥ 32113398

Ш↓x ≤8I20≥ 32113456

φi | J10ŸI0

[↪tt | ÈÈ . 66 . оЙ . ль](#)