MC100-2WT

MC100 PLC PLC

MC100 PLC

,

MC100 MC100 – 2WT

1.0

2013.6.13

R33010123

MC100

X-

Builder MC100/MC100

1. 外观以及部件名称



图1-1 模块外观及部件名称

2. 安装说明

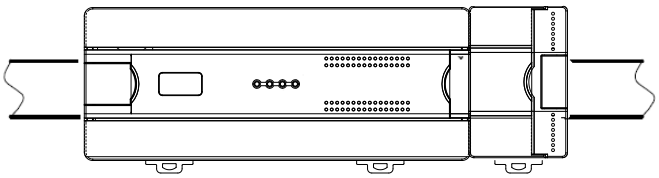
2.1安装要求

采用DIN槽安装固定

35mm DIN

DIN DIN DIN

DIN DIN DIN



采用螺钉安装固定

M3

MC100

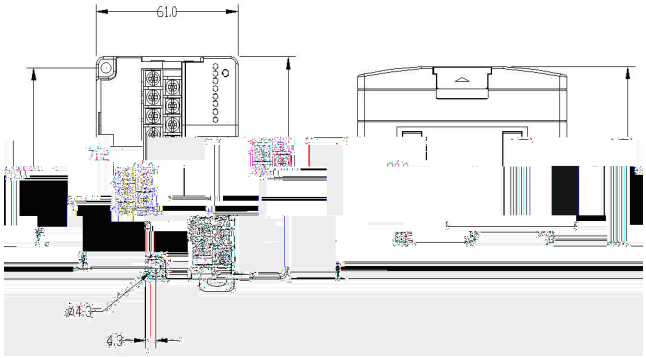


图2-2 螺钉安装示意图

2.2电缆连接及规格

电缆规格

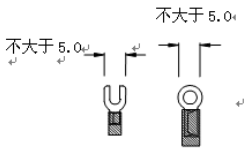
PLC

线缆	导线截面	推荐导线号	配合使用的接线端子及热缩管
L N	1.0 2.0mm²	AWG12 18	H1.5/14
⏚	2.0mm²	AWG12	H2.0/14
X	0.8 1.0mm²	AWG18 20	UT1-3 OT1-3 Φ3 Φ4
Y	0.8 1.0mm²	AWG18 20	

PLC

0.5 0.8Nm

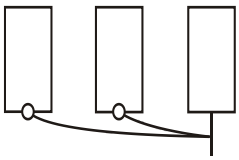
2-3



2.3布线要求

100Ω

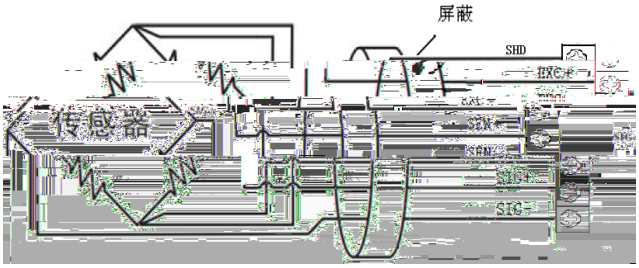




2.4传感器接线图



2-5



2-6

表4-1 MC100-2WT用户端子定义表

标注	说明	标注	说明
24V+	24V	24V-	24V
●		⏚	
EXC1+	1	●	
EXC1-	1	SIG1+	1
SEN1+	1	SIG1-	1
SEN1-	1	SHD1	1
EXC2+	2	●	
EXC2-	2	SIG2+	2
SEN2+	2	SIG2-	2
SEN2-	2	SHD2	2

3. 技术参数

3. 1环境指标

PLC 5 55 55

PLC II 2

3. 1性能指标

表3-1 性能指标

	± 39mV DC
	+5V DC ± 5%
	≥ 100 Ω
	≥ 20MΩ
	128
AD	24Bit
	≤ 0.005%FS
	≤ 0.003%/℃
	120/S/
	5
	24VDC
	24VDC - 15% 20% 5% 200mA
	5VDC 50mA

4. 用户端子

4. 1端子定义

MC100-2WT 4-1



5-1 MC100-2WT

5. 2参数解释

1 0X7021

2

3

5-1

			1	0
1	B0			
	B1			
	B2		AD	
	B3		24V	
	B4			
	B5			
	B6	/		
	B7			
2	B8			
	B9			
	B10		AD	
	B11		24V	
	B12			
	B13			
	B14	/		
	B15			

3

4 -
32768 32767
10000

5 1 99% 20%
20% -
20% +20%

6 1 32767 30000

7 1 10d 1

8 0 5 2 0

9 0 3000d 0
1 10S 1S
0

10 1 9d 1
1 100 3
1

11 D 0 BIT
5 D 1
D 2
/ D 3
D 4~32767

0

1

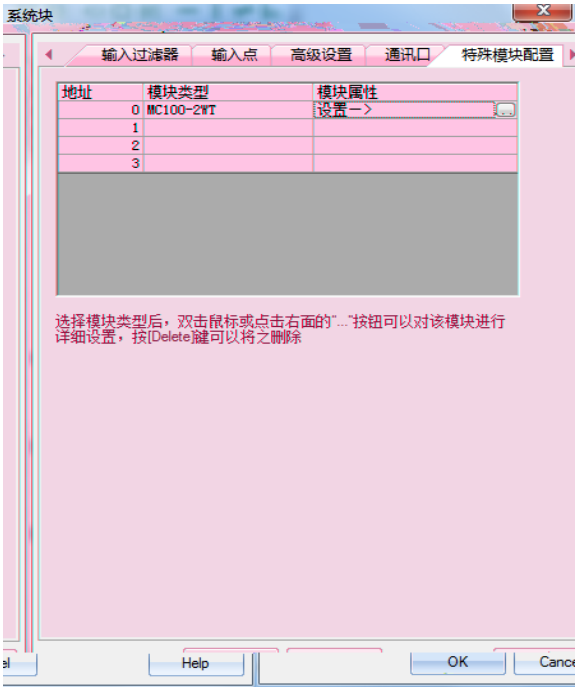
1

12 AD 24 AD

6. 应用示例

MC100-
2WT 1 MC100

6-1 6-2



6-1 MC100-2WT





图6-2 设置通道特性



图6-3 通道指令发送例程

7. 例行检查

1

2 MC100-2WT

3 5V 24V MC100-2WT

4

5 MC100 RUN

8. 故障检查

MC100-2WT

- “ POWER ”

-
-
- “ 24V ”

  24Vdc

  24Vdc 24Vdc MC100-2WT
- “ RUN ”

  MC100-2WT

  MC100-2WT

1

2 _____

3 _____

4

- ■
- ■
- ■
- ■

5

6

B 5

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