

# 5 位數微電腦型盤面式電錶(顯示幕0.8") (5 DIGIT MICROPROCESS PANEL METER)(DISPLAY 0.8")

MODEL  
RCMMX-1



## ■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S.±1digit)
- 可量測交直流電流/交直流電壓/電位計/傳送器/Pt-100/熱電偶/荷重元/電阻 等信號  
(Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Thermocouple/Load Cell/Resistor/etc.....)
- 顯示範圍-19999~99999可任意規劃(Programmable rate-19999 to 99999 digit)
- 具有自動歸零或保持或開根號或雙顯示功能(Auto zero or hold or root or dual display function)(optional)
- 小數點可任意規劃(Decimal point can be modified)
- 尺寸小,穩定性高(Dimension small and High stability)

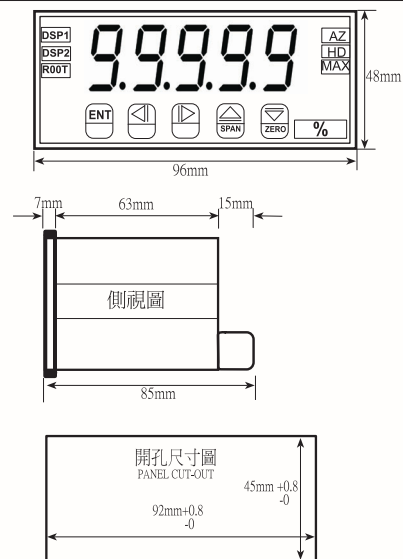
## 1.MODEL:RCMMX-1-☐☐☐ (選購型號)

| NO | Input Type    | NO | DCV(ACV)  | NO | DCA(ACA)   | NO                                                           | Potentiometer | NO                                                                                                            | Transmitter | NO                                         | Pt-100           | NO                                                                                                       | Load Cell | NO | Thermocouple  | NO                                                 | Aux.Power  |  |  |  |  |
|----|---------------|----|-----------|----|------------|--------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------|-----------|----|---------------|----------------------------------------------------|------------|--|--|--|--|
| 1  | DC            | 01 | 0~50mV    | 10 | 0~19.999uA | 19                                                           | 0~10%         | 25                                                                                                            | DC4~20mA    | 30                                         | -50.00~+50.00℃   | 35                                                                                                       | 2mV/V     | 40 | J(-200~760℃)  | 1                                                  | AC110/220V |  |  |  |  |
| 2  | AC(RMS)       | 02 | 0~5V      | 11 | 0~199.99uA | 20                                                           | 0~50%         | 26                                                                                                            | DC1~5V      | 31                                         | -100.00~+100.00℃ | 36                                                                                                       | 3mV/V     | 41 | K(-200~1360℃) | 2                                                  | SPECIFIED  |  |  |  |  |
| 3  | AC(TRMS)      | 03 | 0~10V     | 12 | 0~1.9999mA | 21                                                           | 0~100%        | 27                                                                                                            | DC4~20mA    | 32                                         | -200.0~+400.0℃   | 37                                                                                                       | 2mV/V     | 42 | T(-200~395℃)  | ±20% of rate less<br>3VA for AC input<br>(50/60Hz) |            |  |  |  |  |
| 4  | Potentiometer | 04 | 0~36V     | 13 | 0~19.999mA | 22                                                           | 5~95%         | 28                                                                                                            | DC1~5V      | 33                                         | -200.0~+850.0℃   | 38                                                                                                       | 3mV/V     | 43 | E(-185~990℃)  |                                                    |            |  |  |  |  |
| 5  | Transmitter   | 05 | 0~54V     | 14 | 0~199.99mA | 23                                                           | 10~90%        | 29                                                                                                            | SPECIFIED   | 34                                         | SPECIFIED        | 39                                                                                                       | SPECIFIED | 44 | R(0~1760℃)    |                                                    |            |  |  |  |  |
| 6  | Pt-100(RTD)   | 06 | 0~110V    | 15 | 0~2.000A   | 24                                                           | SPECIFIED     | •25/26 nonexciting<br>DC20V<br>•27/28 exciting<br>DC20V (<25mA)<br>•Three wire connection<br>non-programmable |             | •Three wire connection<br>non-programmable |                  | •35/36 Exciting<br>DC5V(<100mA)<br>•37/38 Exciting<br>DC10V(<50mA)<br>•CJC traceability<br><±0.5℃(0~70℃) |           | 45 | S(0~1750℃)    |                                                    |            |  |  |  |  |
| 7  | Thermocouple  | 07 | 0~600V    | 16 | 0~5.000A   | •Three wire connection<br>•Exciting voltage<br>DC2.5V(<10mA) |               |                                                                                                               |             |                                            |                  |                                                                                                          |           | 46 | B(200~1800℃)  |                                                    |            |  |  |  |  |
| 8  | Load Cell     | 08 | 0~1000V   | 17 | 0~10.000A  |                                                              |               |                                                                                                               |             |                                            |                  |                                                                                                          |           |    |               |                                                    |            |  |  |  |  |
| 9  | Resistor      | 09 | SPECIFIED | 18 | SPECIFIED  |                                                              |               |                                                                                                               |             |                                            |                  |                                                                                                          |           |    |               |                                                    |            |  |  |  |  |

## 2.SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.05% F.S.±1 digit (23±5℃)  
0.2% F.S.±1 digit(AC(RMS))  
0.2% F.S.±0.5℃ (CJC)
- Sampling time (取樣時間) : 16 cycles/sec.
- Readout range (顯示值範圍) : -19999~99999 digit adjustable
- Zero (offset) range (歸零調整範圍) : -19999~99999 digit adjustable
- Over input indication (過載顯示) : " doFL " or "-doFL"
- Display (顯示幕) : Red high efficiency LEDs high 20.32mm(0.8")
- Polarity display (極性顯示) : When input is negative "- " display
- Temp. coefficient (溫度係數) : 50ppm/℃ (0~50℃)
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶型式) : Non-volatile E<sup>2</sup> PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/power)
- Operating condition (使用環境條件) : 0~50℃ (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70℃ (20 to 90% RH non-condensed)
- CE EMC Certification (CE認證) : EN 55022:1998/A1:2000 Class A  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)



### (DC,AC,TC,R)

|      |   |   |   |      |   |   |           |      |    |
|------|---|---|---|------|---|---|-----------|------|----|
| 1    | 2 | 3 | 4 | 5    | 6 | 7 | 8         | 9    | 10 |
| IN   |   |   |   | IN   |   |   | 220V      | 110V | 0V |
| (HI) |   |   |   | (Lo) |   |   | AC SOURCE |      |    |

### (Potentiometer)

|      |     |   |   |      |   |    |           |      |    |
|------|-----|---|---|------|---|----|-----------|------|----|
| 1    | 2   | 3 | 4 | 5    | 6 | 7  | 8         | 9    | 10 |
| IN   | EXC |   |   | IN   |   |    | 220V      | 110V | 0V |
| (HI) |     |   |   | (Lo) |   | AZ | AC SOURCE |      |    |

### (Pt-100)

|    |    |   |   |   |   |   |           |      |    |
|----|----|---|---|---|---|---|-----------|------|----|
| 1  | 2  | 3 | 4 | 5 | 6 | 7 | 8         | 9    | 10 |
| B1 | B2 |   |   | A |   |   | 220V      | 110V | 0V |
|    |    |   |   |   |   |   | AC SOURCE |      |    |

### (Two-wire Transmitter)

|     |   |   |   |    |   |   |           |      |    |
|-----|---|---|---|----|---|---|-----------|------|----|
| 1   | 2 | 3 | 4 | 5  | 6 | 7 | 8         | 9    | 10 |
| EXC |   |   |   | IN |   |   | 220V      | 110V | 0V |
| 20V |   |   |   |    |   |   | AC SOURCE |      |    |

### (Load Cell)

|      |     |     |   |      |   |    |           |      |    |
|------|-----|-----|---|------|---|----|-----------|------|----|
| 1    | 2   | 3   | 4 | 5    | 6 | 7  | 8         | 9    | 10 |
| IN   | EXC | COM |   | IN   |   |    | 220V      | 110V | 0V |
| (HI) |     |     |   | (Lo) |   | AZ | AC SOURCE |      |    |