

5位數微電腦型計數器,24x48mm(Low Power) (5 DIGIT MICROPROCESS COUNTER,24x48mm(Low Power))

MODEL
MC24



■特點(FEATURES)

- 最高輸入頻率10KHz(Accepts input rates up to 10KHz)
- 四種輸入模式可選擇(加算,減算,加減算,90度相位差加減算)
(Four counting modes Up,Down,Up/Down, quadrature can be modified)
- 90度相位差加減算具有提高解析度4倍功能 (Quadrature sensing up to 4 times resolution)
- 輸入脈波具有預設刻度功能(Input scaling multiplied 0.0001 to 9.9999 can be modified)
- 尺寸小(24x48x48.5mm),穩定性高(Dimension small (24x48x48.5mm) and High stability)
- 分離式端子,配線容易(Discrete terminal,connector easy)
- CE 認證(CE EMC certification)

1:MODEL:MC24-□ □ □
(選購型號)

NO	Input Type (Exciting)	NO	Input Rates	NO	Aux.Power	NO	Aux.Power
A	Pulse (TTL) (DC5V)	1	50 pulse/sec	A	DC5V(Non-isolating)	E	AC/DC20~260V (Isolating)
B	Pulse (NPN) (DC12V)	2	10K pulse/sec	B	DC5V(Isolating)		
C	Pulse (PNP) (DC12V)			C	DC12V(Non-isolating)		
O	SPECIFIED			D	DC12V(Isolating)		

*Aux. Power is DC5V (non-isolating)
The exciting only DC5V

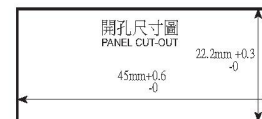
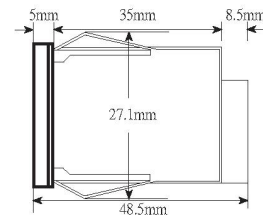
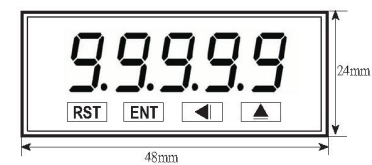
*DC Power $\pm 10\%$
*Less 0.75VA for input

2:SPECIFICATION (主要規格)

- Count input type (脈波輸入型式) : Jump-pin selectable current sourcing(NPN) or current sinking (PNP)
- Count input trigger levels (脈波觸發電位) : High level: $V_{IH}=4\sim 30V$ (Pulse)
Low level: $V_{IL}=0\sim 2V$ (Pulse)
- Max.count rates (最高輸入頻率) : <10KHz (up,down,up/down mode)
<5KHz (quadrature mode)
- Readout (compare)rang (顯示值範圍) : -19999 to 99999 digit
- Reset type (復歸方式) : Manual or external
- Reset input signal width (復歸輸入信號寬度) : >20ms.
- Display (顯示幕) : Brigh Red LEDs high 8.6mm (0.338")
- Parameter setting (參數設方式) : Touch switches
- Sensor power supply (感應器電源) : 5VDC $\pm 10\%$ (<40mA)
12VDC $\pm 10\%$ (<40mA)
- Memory mode (記憶方式) : Non-volatile E² PROM memory
- Insulation resistance (絕緣阻抗) : >100Mohm with 500Vdc (input/power)
- Dielectric strength (絕緣耐壓能力) : 1.0KVac/1 min. (input/power)
- Operating condition (使用環境條件) : 0~50°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70°C (20 to 90% RH non-condensed)
- Outside dimension (外型尺寸) : 24x48x48.5mm
- Case material (外殼材料) : ABS
- 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)



1	2	3	4	5	6	7
IN (B)	IN (A)	+12V 40mA	com	RST	AUX. POWER	