

# 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)	1:Contact input 2:Non-contact input		C	DC12V(Non-isolating)		•DC Power ±10% •Less 0.75VA for input
O	SPECIFIED			D	DC12V(Isolating)		

## 2:SPECIFICATION (主要規格)

- Count input type : Jump-pin selectable current sourcing(NPN)  
(脈波輸入型式) or current sinking (PNP)
- Count input trigger levels : High level:  $V_{IH}=4\sim30V$ (Pulse)  
(脈波觸發電位) Low level:  $V_{IL}=0\sim2V$ (Pulse)
- Max.count rates : <10KHz (up,down,up/down mode)  
(最高輸入頻率) <5KHz (quadrature mode)
- Readout (compare)rang : -19999 to 99999 digit  
(顯示值範圍)
- Reset type : Manual or external  
(復歸方式)
- Reset input signal width : >20ms.  
(復歸輸入信號寬度)
- Display : Brigh Red LEDs high 8.6mm (0.338")  
(顯示幕)
- Parameter setting : Touch switches  
(參數設方式)
- Sensor power supply : 5VDC±10%(<40mA)  
(感應器電源) 12VDC±10%(<40mA)
- Memory mode : Non-volatile E<sup>2</sup> PROM memory  
(記憶方式)
- Insulation resistance : >100Mohm with 500Vdc (input/power)  
(絕緣阻抗)
- Dielectric strength : 1.0KVac/1 min. (input/power)  
(絕緣耐壓能力)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)  
(存放環境條件)
- Outside dimension : 24x48x48.5mm  
(外型尺寸)
- Case material : ABS  
(外殼材料)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
(CE認證) 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)

