

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

**MODEL
MCS**



■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 0.00001 to 9.99999 can be modified)
- 計數暫時停止功能(Count inhibit function(GATE control))
- 2組警報功能(Three alarm function)(optional)
- 16BIT 類比輸出功能(15 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)

1:MODEL:MCS-□ □ □ - □ □ □
(選購型號)

NO	Input Type	NO	Input Rates	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse (TTL) (5V)	1	50 pulse/sec	0	None	N	None	N	None	A	AC/DC18~60V
B	Pulse (NPN) (12V)	2	10000 pulse/sec	1	One	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse (PNP) (12V)	1:Contact input 2:Non-contact input		2	Two	V	DC0~10V		•Modbus mode •256 modes on bus		•Less 4VA for AC/DC input
O	SPECIFIED					R	SPECIFIED				

2:SPECIFICATION (主要規格)

- Count input type : Jump-pin selectable current sourcing(NPN) or current sinking (PNP)
(脈波輸入型式)
- Count input trigger levels : HI bias (CMOS) ($V_{IH}=7.5V, V_{IL}=5.5V$)
(脈波觸發電位) LO bias (TTL) ($V_{IH}=3.7V, V_{IL}=2.0V$)
- Max.count rates : <10KHz (up,down,up/down mode)
(最高輸入頻率) <3KHz (quadrature mode)
- Readout (compare)rang : -19999 to 99999
(顯示值範圍)
- Output hold time : 0.1 to 99.9 second adjustable
(輸出動作時間)
- Output reset type : Manual(N) or automatic (R or C) can be modified
(輸出復歸方式)
- Relay contact output : AC 250V-2.5A, DC 30V-5A
(繼電器容量)
- Analog output resolution : 16 bit DAC
(類比輸出解析度)
- Response time : < 1/f+10ms(0~90%)
(輸出反應速度)
- Output drive capability : < 10mA for voltage mode
(輸出負載能力) < 10V for current mode
- Output ripple (p-p) : < 0.1% F.S.
(輸出之漣波)
- RS-485 adress : "01"~"FF"(0~255)
(通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective
(傳輸速度)
- RS-485 protocol : Modbus RTU mode
(通信協議)
- Display : Red high efficiency LEDs high 10.16mm (0.4")
(顯示幕)
- Parameter setting : Touch switches
(參數設方式)
- Sensor power supply : 12VDC±3%(<60mA)
(感應器電源)
- Memory mode : Non-volatile E² PROM memory
(記憶方式)
- Dielectric strength : 2KVac/1 min. (input/output/power)
(絕緣耐壓能力) 1600Vdc (input/output)
- 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)
- 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)

