

6位數微電腦型計數器(48x96mm) (6 DIGIT MICROPROCESS COUNTER,48x96mm)

MODEL
RCMC



■特點(FEATURES)

- 最高輸入頻率10KHz(Accepts input rates up to 10KHz)
- 計數速度50/10000脈波/秒可選擇(Accept input rates 50 or 10000 CPS can be modified)
- 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))
- 3 組警報功能(Three alarm function)(optional)
- 15BIT 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:RCMC-☐ ☐ ☐ - ☐ ☐ ☐

(選購型號)

NO	Input Type	NO	Input Rates	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.POWER
1	Pulse (TTL) (5V)	1	50 pulse/sec	1	None	1	None	1	None	1	AC/DC18~60V
2	Pulse (NPN) (12V)	2	10000 pulse/sec	2	One	2	DC4~20mA	2	RS-485	2	AC/DC90~260V
3	Pulse (PNP) (12V)	1:Contact input 2:Non-contact input		3	Two	3	DC0~10V	●Modbus mode			●Less 4VA for AC/DC input
4	SPECIFIED			4	Two(AL2=Pre-warm)	4	SPECIFIED				
				5	Three(HI,Go,Lo)	5	●DC4~20mA				

●Two-wire transmitter (Exciting voltage DC10~36V)

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) : HI bias (CMOS) ($V_{IH}=7.5V$, $V_{IL}=5.5V$)
LO bias (TTL) ($V_{IH}=3.7V$, $V_{IL}=2.0V$)
- Max.count rates (最高輸入頻率) : <10KHz (up,down,up/down mode)
<3KHz (quadrature mode)
- Readout (compare)rang (顯示值範圍) : -199999 to 999999
- Output hold time (輸出動作時間) : 0.1 to 99.9 second adjustable
- Output reset type (輸出復歸方式) : Manual(N) or automatic (R or C) can be modified
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Analog output resolution (類比輸出解析度) : 15 bit DAC
- Response time (輸出反應速度) : < 1/f+10ms(0~90%)
- Output drive capability (輸出負載能力) : < 10mA for voltage mode
< 10V for current mode
< [(V+)-7.5V]/20mA for two-wire mode
< 0.1% F.S.
- Output ripple (p-p) (輸出之漣波) : < 0.1% F.S.
- RS-485 address (通訊位址) : "01"~"FF"(0~255)
- RS-485 baud rate (傳輸速度) : 19200/9600/4800/2400 selective
- RS-485 protocol (通信協議) : Modbus RTU mode
- Display (顯示幕) : Red high efficiency LEDs high 14.22mm (0.56")
- Parameter setting (參數設方式) : Touch switches
- Sensor power supply (感應器電源) : 12VDC $\pm$ 3%(<60mA)
- Memory mode (記憶方式) : Non-volatile E² PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- 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)
- 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)

