

6位數微電腦型高速計數器(48x96mm) (6 DIGIT HIGH SPEED MICROPROCESS COUNTER,48x96mm)

MODEL
MCH



■特點(FEATURES)

- 最高輸入頻率50KHz(Accepts input rates up to 50KHz)
- 計數速度50/500/50000脈波/秒可選擇(Accept input rates 50 or 500 or 50000 CPS can be modified)
- 七種輸入模式可選擇(前/後緣觸發加減,前/後緣觸發減算,加減算,方向性加減算,90度相位差加減算)
(Seven counting modes Front/after edge-up,Front/after edge-down,up/down,direct-up/down,quadrature-up/down 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)
- 七種警報輸出模式(N/F/R/Q/C/P/K)可選擇(Seven output mode N/F/R/Q/C/P/K can be modified)
- 2組警報功能(Two alarm function)(optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)

1:MODEL:MCH-☐☐☐☐☐☐
(選購型號)

NO	Input Type (Exciting Voltage)	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.POWER
A	Pulse (PNP) (5V)	0	None	N	None	N	None	A	AC/DC18~60V
B	Pulse (NPN) (12V)	1	One (Relay)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse (PNP) (12V)	2	Two (Relay)	V	DC0~10V		•Modbus mode •256 nodes on bus		•Less 4VA for AC/DC input
O	SPECIFIED	3	One(Transistor NPN)	R	SPECIFIED				
		4	Two(Transistor NPN)	T	•DC4~20mA(Two-wire transmitter,exciting voltage DC10~36V)				

2:SPECIFICATION (主要規格)

- Count input type : Jump-pin selectable current sourcing(NPN) or current sinking (PNP)
- Count input trigger levels : High level : $V_{IH}=DC4\sim30V$ (Pulse)
Low level : $V_{IL}=DC0\sim2V$ (Pulse)
- Maximum count rates : <50KHz (up,down,up/down,direct-up/down mode)
(最高輸入頻率) <25KHz (quadrature-up/down mode)
- Readout (compare)rang : -999999 to 999999 digit adjustable
(顯示比較值範圍)
- Output hold/one-short time : 0 to 99.9 second adjustable
(輸出動作/單觸發時間)
- Alarm output responses time : <10ms(relay output)
(警報輸出反應時間) <0.5ms(transistor output)
- Relay contact output : AC 250V-5A, DC 30V-7A
(繼電器容量)
- Transistor output type : Photo couple of open-collector
(電晶體輸出形式) (Max.DC30V/40mA)
- 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
<[(V+)-7.5V]/20mA for two-wire mode
< 0.1% F.S.
- Output ripple (p-p) : < 0.1% F.S.
- RS-485 adress : "01"~"FF"(0~255)
(通訊位址)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective
(傳輸速度)
- RS-485 protocol : Modbus RTU mode
(通信協議)
- Display : Red high efficiency LEDs high 14.22mm (0.56")
(顯示幕)
- Parameter setting : Touch switches
(參數設方式)
- Sensor power supply : 12VDC $\pm$ 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)

