

4/6位數微電腦型計數器(指撥開關設定型)(48x96mm)

(4/6 DIGIT MICROPROCESS COUNTER,48X96mm)(PUSHWHEEL TYPE)

MODEL
MCP



■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-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0.00001至9.99999功能(Input scaling multiplied 0.00001 to 9.99999 can be modified)
- 2組警報功能(Two alarm function)(optional)
- 16 BIT 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:MCP- (選購型號)

NO	Display	NO	Input Type (Exciting voltage)	NO	Input rates	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.Power
4	4 digit	A	Pulse (TTL)(5V)	1	50 Pulse/Sec	1	One	N	None	N	None	A	AC/DC18~60V
6	6 digit	B	Pulse(NPN)(12V)	2	10000 Pulse/Sec	2	Two(AL1/AL2=Alone)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
		C	Pulse(PNP)(12V)		*1:Contact input *2:Non-contact input	3	Two(AL2=Pre-warm) *MCP-6 only	V	DC0~10V		*Modbus mode *256 nodes on bus		*Less 4VA for AC/DC input
		O	SPECIFIED					R	SPECIFIED				
								T	*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): High level: $V_{IH}=DC4\sim30V$ (Pulse)
Low level: $V_{IL}=DC0\sim2V$ (Pulse)
- Max.count rates (最高輸入頻率): $<10KHz$ (up,down,up/down mode)
 $<3KHz$ (quadrature mode)
- Readout range (顯示值範圍): -1999 to 9999(MCP-4)
-199999 to 999999(MCP-6)
- Compare range (比較值範圍): 0 to 9999(MCP-4)
0 to 999999(MCP-6)
- Output hold time (輸出動作時間): 0.1 to 999.9 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): AC250V-5A,DC30V-7A
- Transistor output (電晶體輸出容量): Photo couple of open-collector (Max.DC30V/40mA)
- Analog output resolution (類比輸出解析度): 16 bit DAC(Isolating)
- 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
- 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
- Display (顯示幕): Red high efficiency LEDs high 14.22mm(0.56")
- Parameter setting (參數設定方式): Touch switches
- Sensor power supply (感應器電源): 5Vdc $\pm 3\%$ ($<60mA$)
12Vdc $\pm 3\%$ ($<60mA$)
- Memory mode (記憶型式): Non-volatile E²PROM 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)

