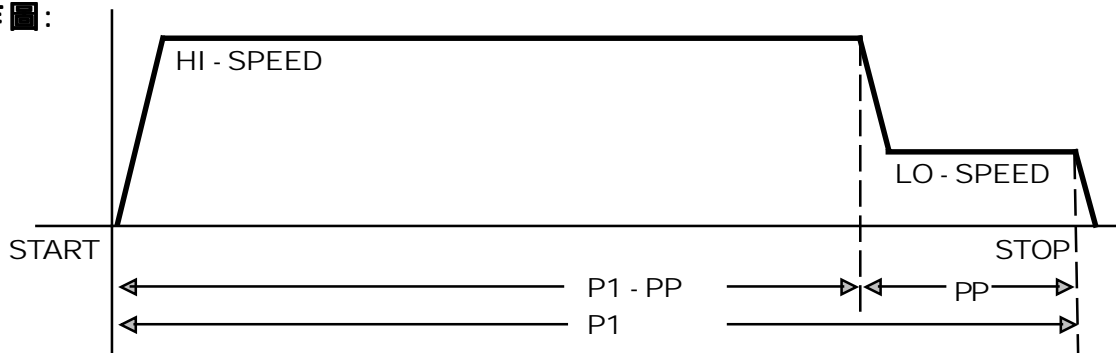


規格：

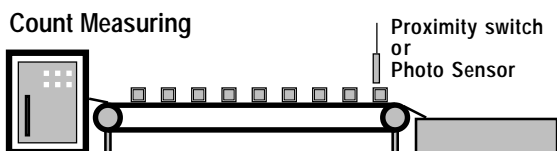
- 顯示字幕：綠色 0.3" LED; 紅色 0.3" LED.
- 工作電源：AC 110V/220V (+/-10%) 50/60 Hz.
- 輸出電源：DC 12V, 40mA.
- 計數速度：10,000 Pulse / Sec.
- 計數範圍：-99999 ~ 999999.
- 計數模式：加算 / 減算; 計數 / 方向控制;
(CP1;CP2) 加算 / 加算; 加減算 4 倍頻.
- 輸入設定：NPN(Pullhigh resistor); PNP(Pull low resistor) Selectable.
無接點(10KHz); 接點(100Hz) Selectable.
CMOS(12V); TTL(5V) 位準 Selectable.
- 除頻設定：可調整 1-9999 (0000=1).
- 比例設定：0.00001 ~ 10.00000 (in 0.00000 = 10.00000).
- 動作模式：2 種 DIP switch Pin-9 (off/Mode-0; on/Mode-1).
- 輸出方式：2 繼電器(Form C); 2 電晶體.
- 停電記憶：EEprom, 可達 10 年.
- 工作溫度：0-50 °C.
- 儲存溫度：-10-60 °C.



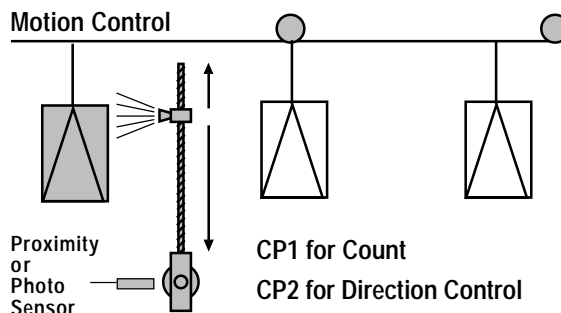
動作圖：



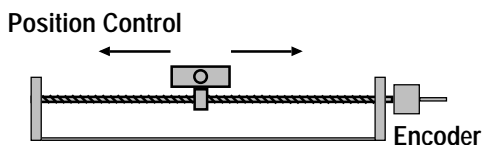
Typical Application:



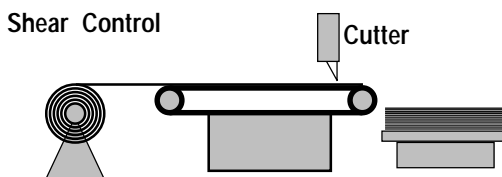
CP1 for Count up
CP2 for Count down
Scale Factor = 1



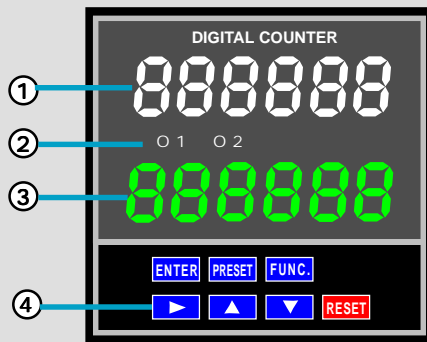
CP1 for Count
CP2 for Direction Control



CP1; CP2 for Count up/down (Quadrature) x4
Scale Factor = 0.001-10.000
if S.F = 0.25 then A,B phase 1 cycle = 1



CP1; CP2 for Count up/down (Quadrature) x4
or CP1 Count up



面板說明:

- ① 紅色字幕 (上): 顯示計數值及功能代碼.
- ② 輸出指示燈 (O1; O2): 輸出動作時亮起.
- ③ 綠色字幕 (下): 顯示各項參數設定值.
- ④ 設定按鍵: 設定各項功能.

設定功能說明:

ENTER	存入設定值並中止設定功能 (在設定功能中 10 秒未再按鍵時亦會自動 ENTER) .
PRESET	起動目標值及前置值設定功能 (第一次按顯示 P-1, 在按顯示 P-P) .
FUNC.	按此鍵 + ▲ 鍵起動輸出延遲時間 / 乘頻 / 除頻設定功能. 按此鍵 + ▶ 鍵起動輸小數點設定功能 .
▶	按此鍵使待設 (閃爍) 位數右移 .
▲	按此鍵使待設 (閃爍) 位數加 1 .
▼	按此鍵使待設 (閃爍) 位數減 1 .
RESET	此鍵用於歸 0 計數值並使輸出復歸 (在作功能設定時此鍵不作用) .

例如: 前置設定值前置設定值 P-P=1000; 要改為 1500. (可設定範圍 0-9999).

按 **PRESET** 顯示: $P-1$ 再按 **PRESET** 顯示: $P-P$ 再按 **▶** 2 次顯示: $P-P$
 002000 1000 1000
 然後按 **▲** 5 次使帶設值變為 5. $P-P$
 再按 **ENTER** 存入新值. 1500

例如: d-t = 1.00; S-F = 1.0. S-d = 1. 要改除頻設定值 (S-d) 為 4

按 **FUNC.** + **▶** 顯示: $d-t$ 再按 **PRESET** 顯示: $S-F$ 再按 **PRESET** 顯示: $S-d$
 0.100 100000 0008
 set delay-time set pre-scale set divider
 0.01-99.99 seconds 0.00001-10.00000 1-9999

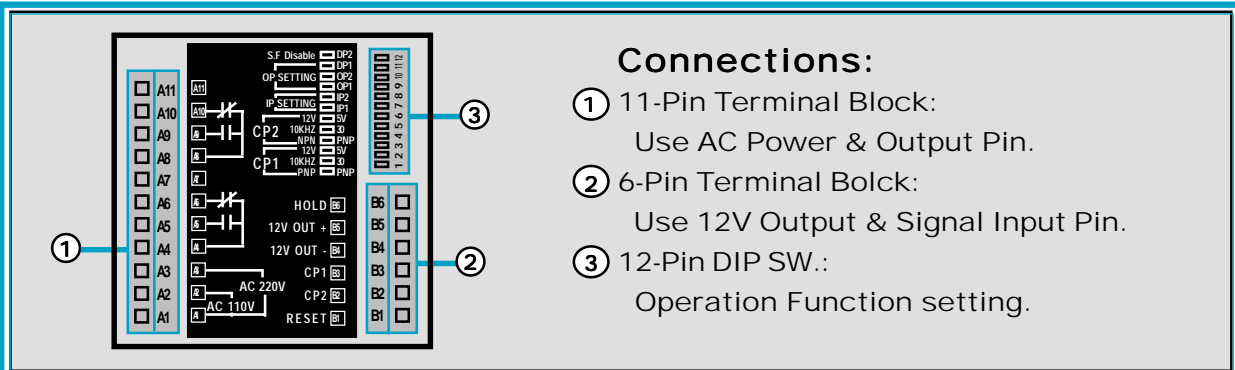
然後按 **▼** 4 次使帶設值變為 4. $S-d$
 再按 **ENTER** 存入新值. 0004

**** When DIP SWITCH PIN-12 ON Pre-scale & Divider will be not to change ****

例如: d-P=0; 要改除頻設定值 (d-p) 為 2 .

按 **FUNC.** + **▶** 顯示: $d-P$
 0
 set decimal point
 (0-5)

然後按 **▲** 2 次使帶設值變為 2. $d-P$
 再按 **ENTER** 存入新值. 2



Connections:

- ① 11-Pin Terminal Block:
Use AC Power & Output Pin.
- ② 6-Pin Terminal Block:
Use 12V Output & Signal Input Pin.
- ③ 12-Pin DIP SW.:
Operation Function setting.

11-Pin 端子盤 (抽取式) 接腳說明:

- 1. 電源 AC110V 接 PIN-A1,A2.
- 2. 電源 AC220V 接 PIN-A1,A3.
- 3. 繼電器 2 輸出 PIN-A4(COMM);A5(NO);A6(NC).
- 4. PIN-A7 接電晶體 2 輸出(NPN 開集極).
- 5. 繼電器 1 輸出 PIN-A8(COMM);A9(NO);A10(NC).
- 6. PIN-A11 接電晶體 1 輸出(NPN 開集極).

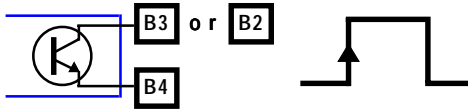
6-Pin 端子盤 (抽取式) 接腳說明:

- 1. PIN-B1 接啟動(Start)輸入(與 B 4 短路時作用).
- 2. PIN-B2 接計數信號 C P 2 輸入.
- 3. PIN-B3 接計數信號 C P 1 輸入.
- 4. PIN-B4 接 DC0V(40mA 供應 SENSOR).
- 5. PIN-B5 接 DC12V(40mA 供應 SENSOR).
- 6. PIN-B6 停止(Stop)輸入(與 B 4 短路時作用).

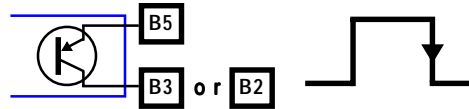
12-Pin DIP SW. 設定說明:

- PIN-1~6 設定輸入 CP1, CP2 規格;
- PIN-7~8 設定計數方式, 共有 4 種;
- PIN-9 設定動作模式, 共有 2 種.
- PIN-12 鎖住乘頻及除頻, OFF/ 可設定; ON/ 鎖住.

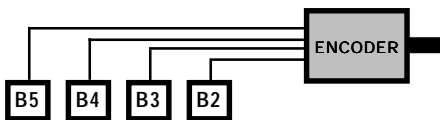
Pin-1(CP1);4(CP2)-OFF, NPN INPUT.



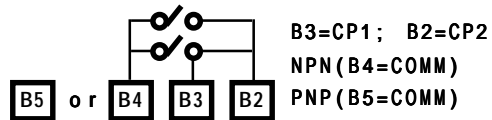
Pin-1(CP1);4(CP2)-ON, PNP INPUT.



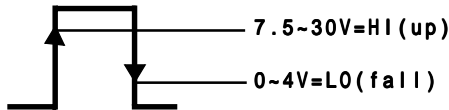
Pin-2(CP1);5(CP2)-OFF, LOGIC INPUT.



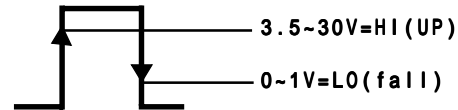
Pin-2(CP1);5(CP2)-ON, CONTACT INPUT.



Pin-3(CP1);6(CP2)-OFF, 12-LEVEL INPUT.

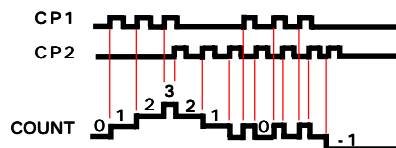


Pin-3(CP1);6(CP2)-ON, 5V-LEVEL INPUT.

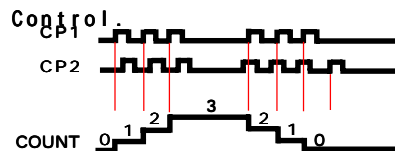


12-Pin DIP SW. Pin-7,8 Counting Mode:

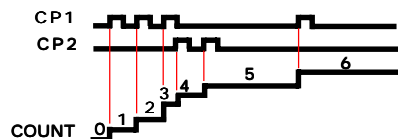
7-OFF;8-OFF, CP1 Add; CP2 Sub.



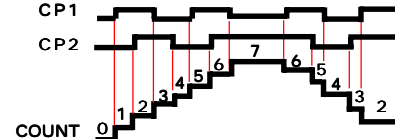
7-ON;8-OFF, CP1 count; CP2 Direction Control.



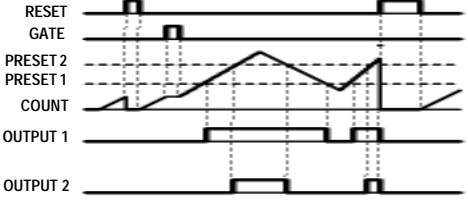

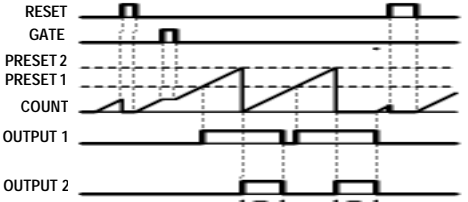
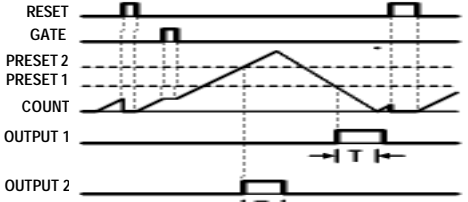
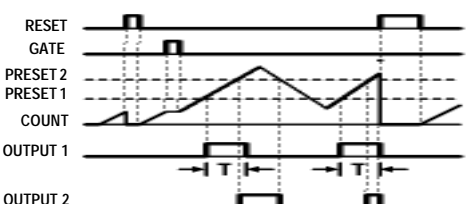
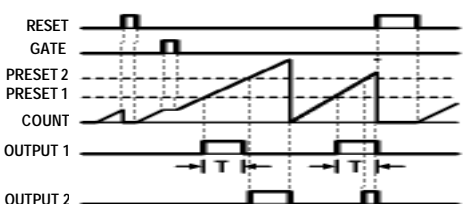
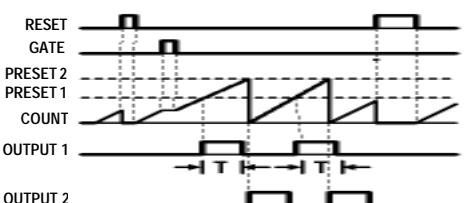
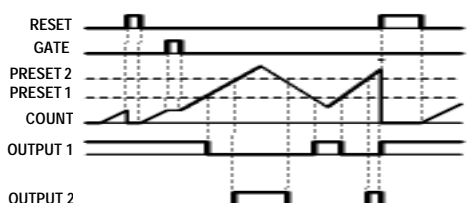
7-OFF;8-ON, CP1 Add; CP2 Add.



7-ON;8-ON, CP1; CP2 Quadrature.



12-Pin DIP SW. Pin-9,10,11 動作模式設定(共 8 種) :

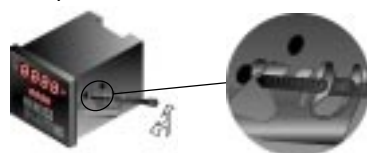
<p>(MODE-0) 9-OFF;10-OFF;11-OFF. 第一段輸出連續輸出(Count>P1). 第二段輸出手動復歸</p> 	<p>(MODE-1) 9-ON;10-OFF;11-OFF. 第一段輸出連續輸出(Count>P1). 第二段輸出延時自動復歸.</p> 
<p>(MODE-2) 9-OFF;10-ON;11-OFF. 第一段輸出連續輸出(Count>P1). 第二段輸出瞬時自動復歸(Count>P2).</p> 	<p>(MODE-3) 9-ON;10-ON;11-OFF. 第一段輸出時自動復歸(Count<P1). 第二段輸出自動復歸(Count>P2)不歸 0.</p> 
<p>(MODE-4) 9-OFF;10-OFF;11-ON. 第一段輸出時自動復歸(Count>P1). 第二段輸出時手動復歸(>ON,<OFF).</p> 	<p>(MODE-5) 9-ON;10-OFF;11-ON. 第一段輸出時自動復歸(Count>P1). 第二段輸出時延時自動復歸.</p> 
<p>(MODE-6) 9-OFF;10-ON;11-ON. 第一段輸出時自動復歸. 第二段輸出時計數值瞬時歸 0 .</p> 	<p>(MODE-7) 9-ON;10-ON;11-ON.範圍比較 COUNT<P1,OUT1-ON. COUNT>P2,OUT2-ON P1<COUNT<P2, OUT1-OFF, OUT2-OFF.</p> 

Panel Mounting:

Step 1



Step 2



Step 3

