

# 6位數單/雙段設定+6位數累積計數器(72x72mm) (6 DIGITAL ONE/TWO ALARM & 6 DIGITAL TOTALIZER COUNTER, 72X72mm)

MODEL  
MT726



## ■特點(FEATURES)

- NPN/PNP脈波輸入型式可任意設定(NPN/PNP count input type can be modified)
- 最高輸入頻率50KHz(Accepts input rates up to 50KHz)
- 顯示範圍-199999至999999位數(Readout range form -199999 to 999999 digit)
- 計數速度50/50000 脈波/秒可選擇(Accept input rates 50 or 50000 CPS can be modified)
- 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)
- 累積量同步(批量)或非同步(批次)計數可選擇  
(Totalizer counting modes can be modified (synchronize and un-synchronize))
- 前置量設定功能(二段設定)可選擇(Pre-warn alarm function (two alarm output) can be modified)
- 3組警報功能(Three 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)
- 防護等級NEMA4/IP67(Protection class NEMA4/IP67)

## 1. MODEL: MT726-□ - □ - □ - □ (選購型號)

NO	Input Type(Exciting Voltage)	NO	Alarm Output	NO	Analog Output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse (NPN/PNP,EXC5V)	1	One(PV)	N	None	T	•DC4~20mA	N	None	A	AC/DC18~60V
B	Pulse(NPN/PNP,EXC12V)	2	Two(PVx2)	I	DC4~20mA	R	SPECIFIED	Y	RS-485	B	AC/DC90~260V
O	SPECIFIED	3	Three(PVx2+TVx1)	V	DC0~10V				•Two-wire transmitter (Exciting voltage DC10~36V)		•Less 4VA for AC/DC input

## 2. SPECIFICATION(主要規格)

- Count input trigger levels (脈波觸發電位) : High level:  $V_{IH}=DC4\sim30V$ (Pulse)  
Low level:  $V_{IL}=DC0\sim2V$ (Pulse)
- Maximum count rates (最高輸入頻率) : <50KHz(Up,Down,Up/Down mode)
- Readout(compare)range (顯示值(比較值)範圍) : -199999~999999 digit (PV,TV,SV)
- Output hold time (輸出動作時間) : 0.01 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) : AC250V-5A,DC30V-5A
- 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) : "00"~"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 7mm(0.276")
- Parameter setting (參數設定方式) : Touch switches
- Sensor power supply (感應器電源) : 5Vdc  $\pm 3\%$ (<60mA)(MT726-A)  
12Vdc  $\pm 3\%$ (<60mA)(MT726-B)
- Memory mode (記憶型式) : Non-volatile E<sup>2</sup>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) : -10~55°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : -25~70°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  
EN55024:1998/A1:2001

## 3. OUTSIDE DIMENSION(unit=mm) AND CONNECTION DIAGRAM

(外型尺寸(unit=mm)與開孔尺寸與配線圖)

