

# 微電腦型高速長度, 流量顯示控制錶(72x72mm)

## (HIGH SPEED MICROPROCESS LENGTH, FLOW CONTROLLER METER, 72X72mm)

MODEL  
MMC726



### ■特點(FEATURES)

- NPN/PNP脈波輸入型式可任意設定(NPN/PNP count input type can be modified)
- 顯示範圍-19999至99999位數(Readout range form -19999 to 99999 digit)
- 最高輸入頻率50KHz(Accepts input rates up to 50KHz)
- 計數速度50/50000 脈波/秒可選擇(Accept input rates 50 or 50000 CPS can be modified)
- 五種輸入模式可選擇(前/後緣觸發加算,減算,加減算,方向性加減算,90度相位差加減算)  
(Five counting modes Front/after edge-up/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0.0001至9.9999功能(Input scaling multiplied 0.0001 to 9.9999 can be modified)
- 4組警報功能(Four 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: MMC726-□□□□

(選購型號)

NO	Input Type(Exciting Voltage)	NO	Alarm Output	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse (NPN/PNP,EXC5V)	0	None	5	One(Transistor NPN)	N	None	N	None	A	AC/DC18~60V
B	Pulse(NPN/PNP,EXC12V)	1	One(Relay)	6	Two(Transistor NPN)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
D	Magnetic pick-up(30mV~30V)	2	Two(Relay)	7	Three(Transistor NPN)	V	DC0~10V		•Modbus mode		•Less 4VA for AC/DC input
O	SPECIFIED	3	Three(Relay)	8	Four(Transistor NPN)	T	•DC4~20mA		•256 nodes on bus		
		4	Four(Relay)			R	SPECIFIED				

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

### 2. SPECIFICATION (主要規格)

- Count input trigger levels :High level:VIH=DC4~30V(Pulse)  
(脈波觸發電位) High level:VIH=AC30mV~30V(Magnetic Pick-up)  
Low level:VIL=DC0~2V(Pulse)  
Low level:VIL=AC0mV~20mV(Magnetic Pick-up)
- Maximum.count rates :<50KHz(Up,Down,Up/Down,Direct-Up/Down mode)  
(最高輸入頻率) <25KHz(Quadrature-Up/Down mode)  
<1KHz(Magnetic Pick-up mode)
- Readout (compare)range :-19999~99999 digit adjustable  
(顯示(比較值)範圍)
- Alarm action :HI or Lo adjustable  
(警報動作方向)
- Alarm output responses time:<10ms(Relay output)  
(警報輸出反應時間) <0.5ms(Transistor output)
- Relay contact output :AC250V-5A,DC30V-5A  
(繼電器容量)
- Transistor output type :Photo couple of open-collector(Max.DC30V/40mA)  
(電晶體輸出型式)
- Analog output resolution :16 bit DAC(Isolating)  
(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
- Output ripple(p-p) :0.1%F.S.  
(輸出之漣波)
- RS-485 address :"00"~"FF"(0~255)  
(通訊位址)
- RS-485 baud rate :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 10.16mm(0.4")  
(顯示幕)
- Sensor power supply :5VDC ±3%(<60mA)(MMC726-A)  
(感應器電源) 12VDC ±3%(<60mA)(MMC726-B)
- Memory mode :Non-volatile E<sup>2</sup>PROM memory  
(記憶型式)
- Dielectric strength :2KVac/1 min.(input/output/power)  
(絕緣耐壓能力) 1600Vdc(input/output)
- Operating condition :-10~55°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition :-25~70°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  
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)

