

微電腦型長度, 流量顯示控制錶

(MICROPROCESS LENGTH, FLOW CONTROLLER METER) (PULSE INPUT)

MODEL
MMC



■特點(FEATURES)

- 顯示範圍-19999至99999位數(Readout range from -19999 to 99999)
- 最高輸入頻率 10KHz(Accepts input rates up to 10KHz)
- 計數速度 50,5000脈波/秒可選擇(Accept input rates 50 or 5000 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 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 0.0001 to 9.9999 can be modified)
- 2 組警報功能(Two alarm function)(optional)
- 15 BIT 類比輸出功能(15 bit DAC analog output function)(optional)
- 數位RS-485介面(Digit RS-485 interface function)(optional)

1:MODEL:MMC-□ □ □ - □ □ □ -X X=NIL(case length=147mm),X=M(case length=112mm)
(選購型號)

NO	Input Type	NO	Input rates	NO	Counting Mode	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.POWER
A	Pulse (TTL) (5V)	1	50 pulse/sec.	1	Up	0	None	N	None	N	None	A	AC/DC18~60V
B	Pulse (NPN) (12V)	2	5000 pulse/sec.	2	Down	1	One	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse (PNP) (12V)			3	Up/Down	2	Two	V	DC0~10V		Modbus mode		Less 4VA for AC/DC input
D	Magnetic pick-up(50mV~1.5V)			4	Quadrature		Relay contact (AC250V-5A,DC30V-7A)	T	DC4~20mA		256 nodes on bus		
E	Magnetic pick-up(500mV~15V)							R	SPECIFIED				
F	AC2~60V												
O	SPECIFIED												

•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 : HI bias (CMOS) ($V_{IH}=7.5V, V_{IL}=5.5V$)
LO bias (TTL) ($V_{IH}=3.7V, V_{IL}=2.0V$)
- Max.count rates : <10KHz (up, down, up/down mode)
(最高輸入頻率) <5KHz (quadrature mode)
- Over input indication : " doFL " and "-doFL"
(過載顯示)
- Readout (compare) range : -19999 to 99999 digit adjustable
(顯示值範圍)
- Alarm action : HI or Lo adjustable
(繼電器動作方向)
- Relay contact output : AC 250V-5A, DC 30V-7A
(繼電器容量)
- Analog output resolution : 15 bit DAC (isolating)
(類比輸出解析度)
- Response time : < 1/f + 10 ms(0~90%)
(輸出反應速度)
- Output drive capability : < 10mA for voltage mode
< 10V for current mode
< [(V+)-7.5V]/20mA for two-wire mode
(輸出負載能力)
- Output ripple (p-p) : < 0.1% F.S.
(輸出之漣波)
- RS-485 address : "01"~"FF"(0~255)
(通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective
(傳輸速度)
- Display : Red high efficiency LEDs high 14.22mm (0.56")
(顯示幕)
- Sensor power supply : 12VDC±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)
1600Vdc (input/output)
(絕緣耐壓能力)
- 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
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001
(CE認證)

3:OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

