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)

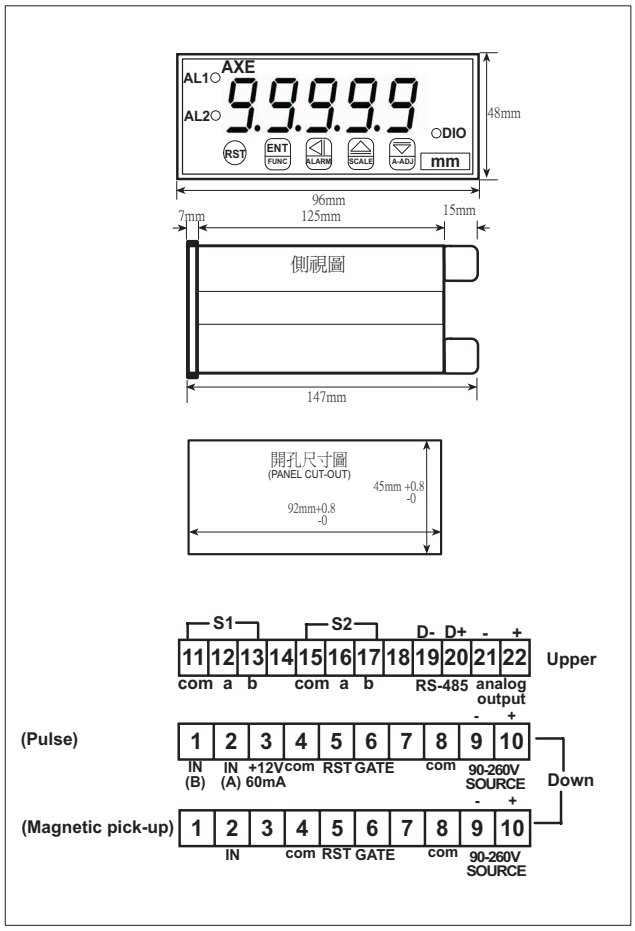
- •顯示範圍–19999至99999位數(Readout range from –19999 to 99999)
- •最高輸入頻率 10KHz(Accepts input rates up to 10KHz)
- •計數速度 50,5000脈波/秒可選擇(Accept input rates 50 or 5000 CPS can be modified)
- •四種輸入模式可選擇(加算,減算,加減算,90度相位差加減算 (Four counting modes Up,Down,Up/Down, quadrature can be modified)
- •90度相位差加減算具有提高解析度4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-□ □ □ - □ □ □ □
(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 •256 nodes on bus		•Less 4VA for AC/DC input	
D	Magnetic pick-up(50mV~1.5V)			4	Quadrature	•Relay contact (AC250V-5A,DC30V-7A)		T	•DC4~20mA				
E	Magnetic pick-up(500mV~15V)							R	SPECIFIED				
F	AC2~60V							•Two-wire transmitter (Exciting voltage DC10~36V)					
O	SPECIFIED												

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) : 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 (最高輸入頻率) : <10KHz (up , down , up/down mode) <5KHz (quadrature mode)
- Over input indication (過載顯示) : " doFL " and "–doFL"
- Readout (compare) range (顯示值範圍) : –19999 to 99999 digit adjustable
- Alarm action (繼電器動作方向) : HI or Lo adjustable
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Analog output resolution (類比輸出解析度) : 15 bit DAC (isolating)
- Response time (輸出反應速度) : < 1/f + 10 ms(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")
- Sensor power supply (感應器電源) : 12VDC±3%(<60mA)
- Memory mode (記憶方式) : Non-volatile E^2 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) : 0~50℃(20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70℃(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)