微電腦型轉速, 線速控制錶

(MICROPROCESS RPM & LINE-SPEED CONTROLLER METER) (PULSE INPUT)

MODEL MMR

■特點(FEATURES)

- •精確度0.03%滿刻度 (Accuracy 0.03% F.S.)
- •可量測 直流脈波,磁性感應器信號(Measuring Pulse(TTL,CMOS), Magnetic pick-up signal)
- •最大輸入頻率 50KHz(Accepts input rates up to 50KHz)
- •轉速,線速可任意設定(Display type of RPM or line-speed can be modified)
- •感應器輸入脈波數可任意設定(Input pulse of revolution can be modified (1~99999pulse/revolution))
- •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)

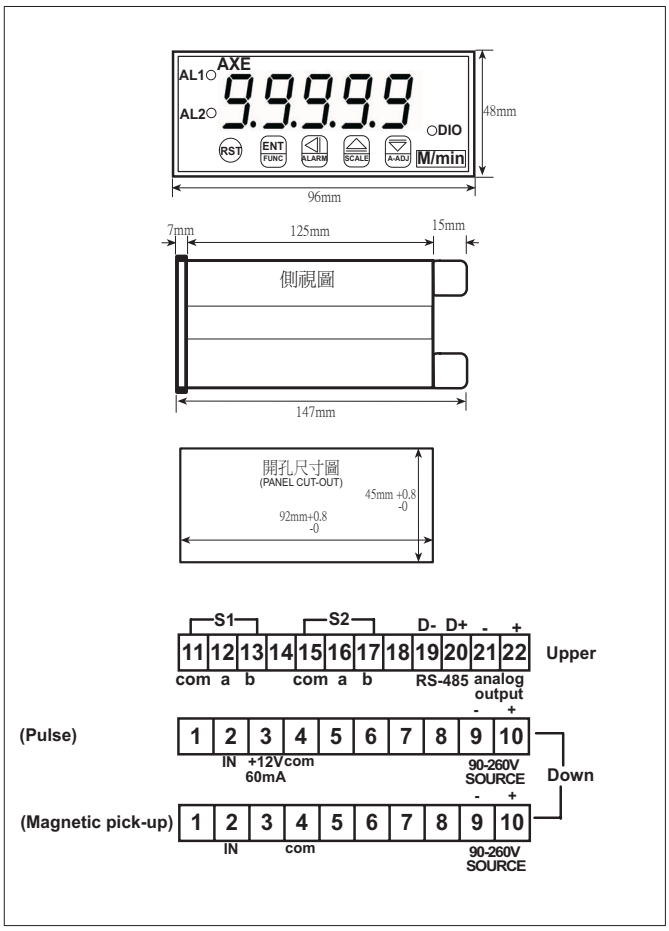
1:MODEL:MMR-□ □ - □ □ □ □
(選購型號)

NO	Input Type	NO	Input Type	NO	Display unit	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.POWER
A	Pulse (TTL) (5V)	E	Magnetic pick-up(500mV~15V)	1	RPM	0	None	N	None	N	None	A	AC/DC18~60V
B	Pulse (NPN) (12V)	F	AC2~60V	2	M/min	1	One	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse (PNP) (12V)	O	SPECIFIED	3	Y /min	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	f t/min	•Relay contact (AC250V-5A,DC30V-7A)		T	•DC4~20mA				
				9	SPECIFIED			R	SPECIFIED				

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

2:SPECIFICATION (主要規格)

- •Measuring accuracy (精 確 度) : 0.03% F.S. (23±5℃)
- •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) : 50KHz (50% duty cycle)
- •Sampling time (取樣時間) : 10 cycles/sec. (>10Hz) f cycles/sec. (<10Hz)
- •Over input indication (過載顯示) : " doFL "
- •Readout range (顯示值範圍) : 0 to 99999 digit adjustable
- •Diameter setting (直徑設定範圍) : 0 to 9.9999M
- •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) : < 250ms(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/power/display) 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)