

微電腦型轉速,線速顯示控制錶

(MICROPROCESS RPM & LINE-SPEED CONTROLLER METER)

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)
- .多檔類比輸出切換功能(Multiplier bank analog output function)
- .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		Less 4VA for AC/DC input
D	Magnetic pick-up(50mV-1.5V)			4	ft/min		Relay contact (AC250V-3A, DC30V-5A)	R	SPECIFIED				
				9	SPECIFIED				input/output isolating				

2: SPECIFICATION (主要規格)

- . Measuring accuracy : 0.03% F.S. (23 ± 5) (精確度)
- . Count input type : Switch selectable current sourcing(NPN) or current sinking (PNP) (脈波輸入型式)
- . 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) (脈波觸發電位)
- . Max. count rates : 50KHz (50% duty cycle) (最高輸入頻率)
- . Sampling time : 10 cycles/sec. (>10Hz) (取樣時間)
- . Over input indication : " doFL " (過載顯示)
- . Readout range : 0 to 99999 digit adjustable (顯示值範圍)
- . Diameter setting : 0 to 9.9999M (直徑設定範圍)
- . Alarm action : HI or Lo adjustable (繼電器動作方向)
- . Relay contact output : AC 250V-3A, DC 30V-5A (繼電器容量)
- . Analog output resolution : 15 bit DAC (isolating) (類比輸出解析度)
- . Response time : < 250ms(0-90%) (輸出反應速度)
- . Output drive capability : < 10mA for voltage 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" (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 14.22mm (.56") (顯示幕)
- . Parameter setting : Touch switches (參數設方式)
- . 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/power/display) 1600Vdc (input/output) (絕緣耐壓能力)
- . Operating condition : 0-50 (20 to 90% RH non-condensed) (使用環境條件)
- . Storage condition : 0-70 (20 to 90% RH non-condensed) (存放環境條件)

3: OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

