

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))
- 多檔類比輸出切換功能(Multiplier bank analog output function)
- 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	R	SPECIFIED		
				9	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"
- RS-485 baud rate (傳輸速度) : 19200/9600/4800/2400 selective
- Display (顯示幕) : Red high efficiency LEDs high 14.22mm (.56")
- Sensor power supply (感應器電源) : 12VDC ± 3%(<60mA)
- Memory mode (記憶方式) : Non-volatile E² 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)

