

# 微電腦型轉速, 線速錶

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

MODEL  
MR



### 特點(FEATURES)

- 精確度0.01%滿刻度 (Accuracy 0.01% F.S.)
- 可量測 直流脈波/磁性感應器信號(Measuring Pulse(TTL,CMOS), Magnetic pick-up)
- 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)
- 線速單位 米, 英尺, 碼/分鐘可任意設定(Display unit M/min Y/min ft/min can be modified)
- 感應器輸入脈波數可任意設定(Input pulse of revolution can be modified (1-9999))
- 小數點位置可任意設定(Decimal point can be modified)
- 尺寸小,穩定性高(Dimension small and High stability)

### 1.MODEL:MR-

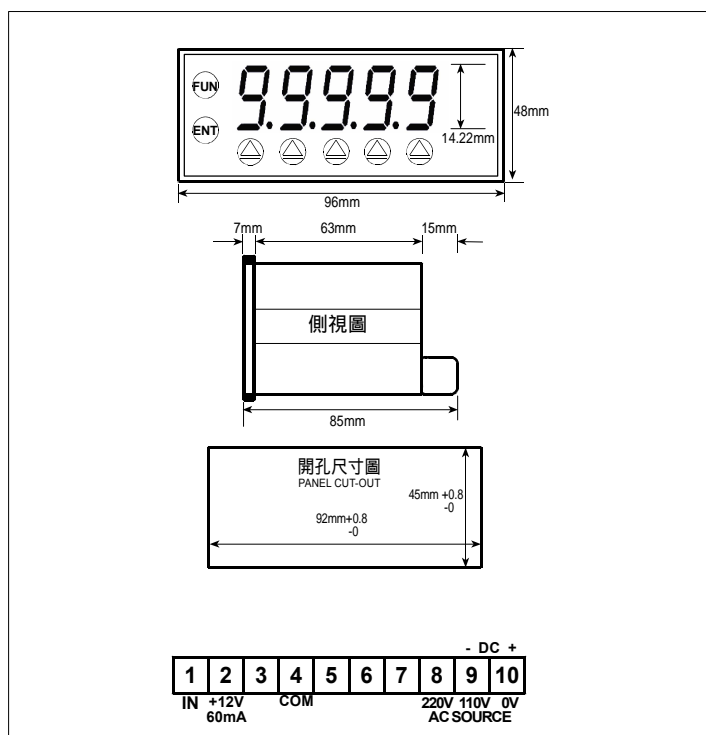
NO	Input Type	NO	Display unit	NO	Aux.Power
A	Pulse (TTL) (5V)	1	RPM	A	AC110/220V
B	Pulse (NPN) (12V)	2	M/min	B	DC24V
C	Pulse (PNP) (12V)	3	Y/min	C	DC48V
D	Magnetic pick-up(50mV-1.5V)	4	ft/min	D	DC110V
E	Magnetic pick-up(500mV-15V)	9	SPECIFIED	O	SPECIFIED
F	AC2-60V		± 20% of rate, less 2.5VA for AC input		
O	SPECIFIED		± 20% of rate, less 2 WATT for DC input		

### 2.SPECIFICATION (主要規格)

Measuring accuracy (精確度)	: 0.01% 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 <sub>IH</sub> =7.5V, V <sub>IL</sub> =5.5V) Lo bias (TTL) (V <sub>IH</sub> =3.7V, V <sub>IL</sub> =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)	: 0-99999 digit adjustable
Diameter setting (直徑設定範圍)	: 0-9.9999M (Touch switches setting)
Parameter setting (參數設方式)	: Touch switches
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 E <sup>2</sup> PROM memory
Dielectric strength (絕緣耐壓能力)	: 2KVac/1 min. (input/power/display)
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)

### 3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)



### 4.Ordering information(訂購方式)

MODEL:MR-B1A	
Input Type (脈波輸入型式)	: Pulse (NPN) (12V)
Display unit (顯示值單位)	: RPM
Aux. power supply (輔助電源)	: AC110V or 220V ± (50 or 60Hz)