

# 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-□ □ □ (選購型號)

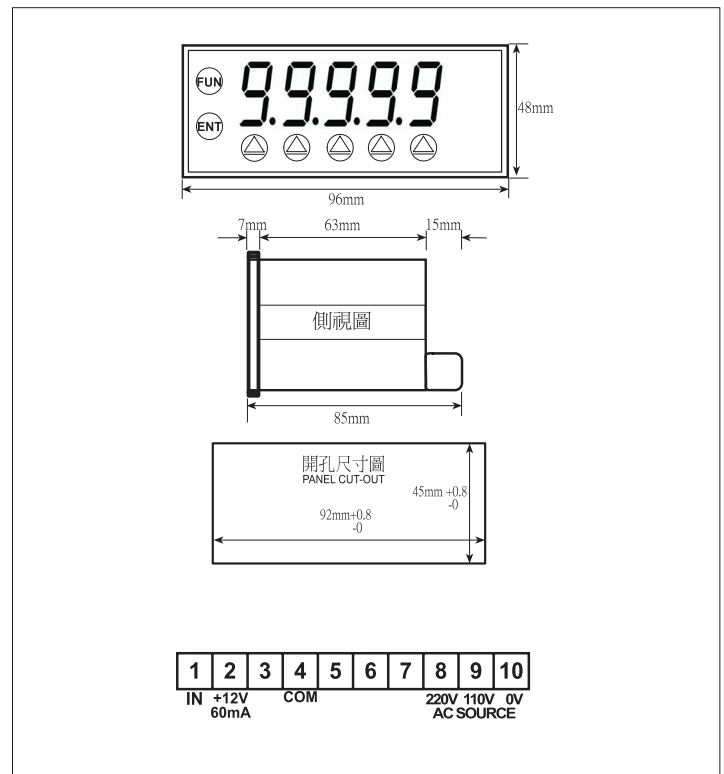
| NO | Input Type                  | NO | Display unit | NO   | Aux.Power  |
|----|-----------------------------|----|--------------|--|------------|
| A  | Pulse (TTL) (5V)            | 1  | RPM          | A  | AC110/220V |
| B  | Pulse (NPN) (12V)           | 2  | M/min        | • ±20% of rate,<br>less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

## 2.SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.01% F.S. (23±5°C)
- 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 (0.56")
- 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°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70°C (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)



## 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 supper (輔助電源) : AC110V or 220V±20%(50 or 60Hz)