

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)

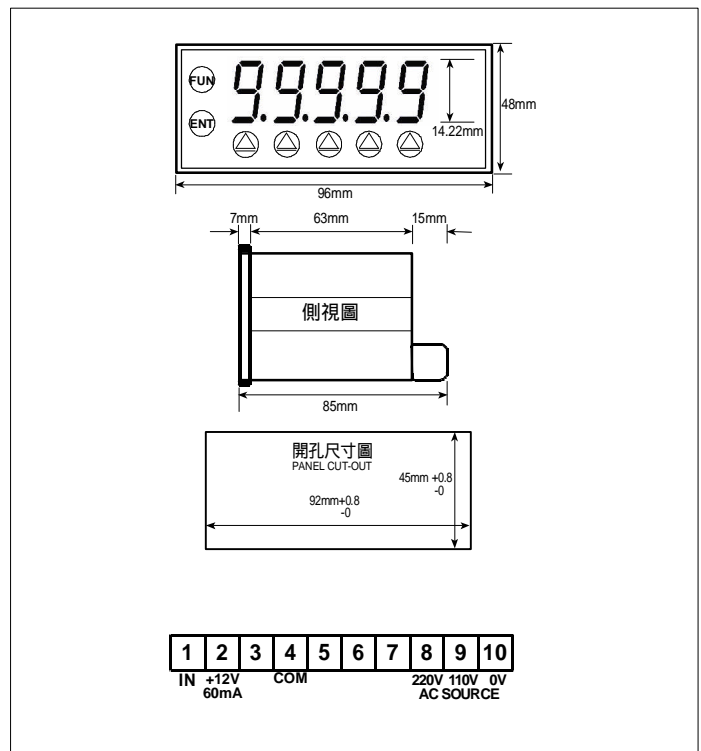
| NO | Input Type | NO | Display unit | NO | Aux. Power |
|----|------------------------------|----|--------------|----|--|
| A | Pulse (TTL) (5V) | 1 | RPM | A | AC110/220V |
| B | Pulse (NPN) (12V) | 2 | M/min | O | SPECIFIED |
| C | Pulse (PNP) (12V) | 3 | Y/min | | ± 20% of rate, less 3VA for AC input (50/60Hz) |
| 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) |
| 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) | : 0-99999 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 ² 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) |
| 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 supply (輔助電源) | : AC110V or 220V ± (50 or 60Hz) |

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0512-67574144