

# 微電腦型轉速, 線速錶, 24x48mm(Low Power)

( MICROPROCESS RPM & LINE-SPEED METER, 24x48mm(Low Power)

**MODEL  
MR24**



## ■特點(FEATURES)

- 精確度0.01%滿刻度 (Accuracy 0.01% F.S.)
- 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(1~99999)可任意設定(Input pulse of revolution can be modified (1~99999))
- 尺寸小(24x48x48.5mm),穩定性高(Dimension small (24x48x48.5mm) and High stability)
- 分離式端子,配線容易(Discrete terminal,connector easy)
- CE 認證(CE EMC certification)

## 1:MODEL:MR24-□ □ □ (選購型號)

NO	Input Type (Exciting)	NO	Input Rates	NO	Aux.Power	NO	Aux.Power
A	Pulse (TTL) (DC5V)	1	50 Hz	A	DC5V(Non-isolating)	E	AC/DC20~260V (Isolating)
B	Pulse (NPN) (DC12V)	2	50KHz	B	DC5V(Isolating)		
C	Pulse (PNP) (DC12V)	1:Contact input 2:Non-contact input		C	DC12V(Non-isolating)		• DC Power ±10% • Less 0.75VA for input
O	SPECIFIED			D	DC12V(Isolating)		

## 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) : High level:  $V_{IH}=4\sim30V$ (Pulse)  
Low level:  $V_{IL}=0\sim2V$ (Pulse)
- Maximum 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)
- Display (顯示幕) : Bright Red LEDs high 8.6mm (0.338")
- Parameter setting (參數設方式) : Touch switches
- Sensor power supply (感應器電源) : 5VDC±10%(<40mA)  
12VDC±10%(<40mA)
- Memory mode (記憶方式) : Non-volatile E<sup>2</sup> PROM memory
- Insulation resistance (絕緣阻抗) : >100Mohm with 500Vdc (input/power)
- Dielectric strength (絕緣耐壓能力) : 1.0KVac/1 min. (input/power)
- 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)
- Outside dimension (外型尺寸) : 24x48x48.5mm
- Case material (外殼材料) : ABS
- 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)

