

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 | | | | SPECIFIED | | | | |
| Two-wire transmitter (Exciting voltage DC10-36V) | | | | | | | | | | | | | |

2:SPECIFICATION (主要規格)

- Measuring accuracy : 0.03% F.S. (23 ± 5)
- (精確度)
- Count input type : Jump-pin selectable current sourcing(NPN)
- (脈波輸入型式) or current sinking (PNP)
- Count input trigger levels : HI bias (CMOS) (V_{IH}=7.5V, V_{IL}=5.5V)
- (脈波觸發電位) LO bias (TTL) (V_{IH}=3.7V, V_{IL}=2.0V)
- Max.count rates : 50KHz (50% duty cycle)
- (最高輸入頻率)
- Sampling time : 10 cycles/sec. (>10Hz)
- (取樣時間) f cycles/sec. (<10Hz)
- Over input indication : " doFL "
- (過載顯示)
- Readout range : 0 to 99999 digit adjustable
- (顯示值範圍)
- Diameter setting : 0 to 9.9999M
- (直徑設定範圍)
- Alarm action : HI or Lo adjustable
- (繼電器動作方向)
- Relay contact output : AC 250V-5A, DC 30V-7A
- (繼電器容量)
- Analog output resolution : 15 bit DAC (isolating)
- (類比輸出解析度)
- Response time : < 250ms(0-90%)
- (輸出反應速度)
- Output drive capability : < 10mA for voltage mode
- (輸出負載能力) < 10V for current mode
- <[(V+)-7.5V]/20mA for two-wire mode
- Output ripple (p-p) : < 0.1% F.S.
- (輸出之漣波)
- RS-485 address : "01"- "FF"
- (通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- (傳輸速度)
- Display : Red high efficiency LEDs high 14.22mm (.56")
- (顯示幕)
- Sensor power supply : 12VDC ± 3%(<60mA)
- (感應器電源)
- Memory mode : Non-volatile E² PROM memory
- (記憶方式)
- Dielectric strength : 2KVac/1 min. (input/power/display)
- (絕緣耐壓能力) 1600Vdc (input/output)
- Operating condition : 0-50 (20 to 90% RH non-condensed)
- (使用環境條件)
- Storage condition : 0-70 (20 to 90% RH non-condensed)
- (存放環境條件)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
- (CE認證) 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)

