

微電腦型類比輸入瞬間量, 累積量 (9位數) 顯示控制電錶 (MICROPROCESS RATE & TOTALIZER CONTROLLER METER)

MODEL
MRT



特點 (FEATURES)

- 顯示範圍 0 至 19999 (瞬間量), 0 至 999999999 (9位數累積量) 可任意規劃 (Programmable rate 0 to 19999 digit (rate), 0 to 999999999 digit (totalizer))
- 精確度 0.1% 滿刻度 ± 1 位數 (Accuracy 0.1% F.S. ± 1 digit)
- 瞬間量與累積量時間基數可任意規劃 (1 或 60 或 3600 秒) (Programmable time base (1, 60, 3600 second))
- 瞬間量之最高顯示值可任意規劃 (0 至 19999) (Programmable rate 0 to 19999 digit)
- 時間基數內之總輸入脈波數可任意規劃 (0 至 999999999) (Programmable totalizer of pulse in time base (0 to 999999999 digit))
- 累積量之輸入脈波比例刻劃調整可任意規劃 (0.00001 至 9999.99999) (Programmable scale factor (0.00001 to 9999.99999) (totalizer))
- 具有開根號功能 (Math-rootextractor function) (optional)
- 二組警報功能 (Dual alarm function) (Optional)
- 15 BIT 隔離類比輸出 (15 bit DAC isolating analog output function) (Optional)
- 數位 RS-485 界面 (Digit RS-485 interface function) (Optional)

1. MODEL: MRT- (選購型號)

- X X=0 (none-pulse output) X=P (1 pulse/conut output)

NO	Input Type	NO	Input Function	NO	Alarm	NO	Analog output	NO	RS-485 output	NO	Aux. Power
A	DC1-5V	N	Normal	0	Non-alarm	N	None	N	None	A	AC/DC 18V-60V
B	DC4-20mA	Y	Math-rootextractor	1	One-alarm	I	DC4-20mA	Y	RS-485	B	AC/DC 90V-260V
C	DC1-5V			2	Two-alarm	V	DC0-10V		Modbus RTU mode		Less 5VA for AC/DC input
D	DC4-20mA					R	SPECIFIED				
O	SPECIFIED										

Note: Exciting supply DC24V (<25mA)

2. SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. ± 1 digit (rate) (23 ± 5) (精確度)
- Sampling time : 16 cycles/sec. (取樣時間)
- Over input indication : " doFL " (過載顯示)
- Readout (compare) range : 0-19999 adjustable (rate) (顯示值(比較值)範圍) 0-999999999 adjustable (totalizer)
- Alarm action : Hi or Lo adjustable (繼電器動作方向)
- Relay contact output : AC 250V-3A, DC 30V-5A (繼電器容量)
- Analog output resolution : 15 bit DAC (isolating) (類比輸出解析度)
- Response time : < 250ms (0-90%) (反應速度)
- Output drive capability : < 10mA for voltage mode (輸出負載能力) < 10V for current mode
- Output ripple (p-p) : < 0.1% F.S. (輸出之漣波)
- RS-485 baud rate : 19200/9600/4800/2400 selective (傳輸速率)
- RS-485 adress : "01"- "FF" (通訊位址)
- RS-485 protocol : Modbus RTU mode (通訊協議)
- Temp. coefficient : 100ppm/ (0-50) (溫度係數)
- Display : Red high efficiency LEDs high 10.16 mm (0.4") (顯示幕)
- Parameter setting : Touch switches (參數設定方式)
- Memory mode : Non-volatile E² PROM memory (記憶方式)
- Dielectric strength : 2KVac/1 min. (input/output/power) (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)

3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

