



(FEATURES)

- #Programmable rate 0 to 19999 digit (rate), 0 to 999999999 digit (totalizer)
- #Accuracy 0.1%F.S. +/- 1 digit
- #Programmable time base (1,60,3600 second)
- #Programmable rate 0 to 19999 digit
- #Programmable totalizer of pulse in time base (0 to 999999999 digit)
- #Programmable scale factor (0.00001 to 9999.99999)(totalizer)
- #Math-rootextractor function (optional)
- #Dual alarm function (Optional)
- #15 bit DAC isolating analog output function (Optional)
- #Digit RS-485 interface function (Optional)

1.MODEL:MRT-() () () - () () ()

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

- #Measuring accuracy : 0.1% F.S.+/- 1 digit (rate) (23+/-5°C)
- #Over input indication : " doFL "
- #Readout (compare) range : 0~19999 adjustable(rate)
0~999999999 adjustable (totalizer)
- #Alarm action : Hi or Lo adjustable
- #Relay contact output : AC 250V-3A, DC 30V-5A
- #Analog output resolution : 15 bit DAC (isolating)
- #Response time : < 250ms (0~90%)
- #Output drive capability : < 10mA for voltage mode
< 10V for current mode
- #Output ripple (p-p) : < 0.1% F.S.
- #RS-485 baud rate : 19200/9600/4800/2400 selective
- #RS-485 adress : "01"~"FF"
- #RS-485 protocol : Modbus RTU mode
- #Temp. coefficient : 100ppm/°C (0~50°C)
- #Display : Red high efficiency LEDs high 10.16 mm(0.4")
- #Parameter setting : Touch switches
- #Memory mode : Non-volatile E² PROM memory
- #Dielectric strength : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- #Operating condition : 0-50°C(20 to 90% RH non-condensed)
- #Storage condition : 0-70°C(20 to 90% RH non-condensed)

3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

