



- Accuracy:  $\pm 0.03\%$  F.S.
- High brightness 0.4" LED
- Rate / Total decimal point selectable
- Flow unit selectable: Liter / Gal / C.C. / m<sup>3</sup>
- Time unit selectable: sec / min / hour / day / month
- K factor programmable for pulse output per liter
- Batch/Rate Display selectable
- Total scale programmable (0.0001~9.9999)
- Pulse input range: 0.001~10 KHz
- Reset for Total/Batch by external control input
- Displacement function for environment monitor application
- Alarm 1 programmable (Rate/Total/Batch) / Pulse Output / Analog Output (16 bit resolution) / RS-485 Communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety

## SPECIFICATION

- ◆ Accuracy: Analog input:  $\pm 0.1\%$  F.S.  $\pm 1$  digit  
Pulse input:  $\pm 0.03\%$  F.S.
- ◆ Display Screen: High brightness red LED; 10.16mm(0.4")
- ◆ Analog Sampling Time: 16 cycles / sec
- ◆ Pulse Sampling Time: 10 cycles / sec (>10Hz)  
f cycles / sec (<10Hz)
- ◆ Display Range: Batch/Rate: 0~99999  
Total: 0~9999999999  
Rate: 0~99999
- ◆ Zero Adjustment: Rate: 0~99999
- ◆ Over Range Indication: doFL / ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: Rate: " $\geq$ (Hi) on" or "<(Lo) on"  
Total: " $\geq$ (Hi) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 16 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA  
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm / °C (0~60°C)
- ◆ Operating Temperature: 0~60°C
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70°C
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 22~50V
- ◆ Power Consumption: 8.5VA (all functions output)
- ◆ Surge Test: 1.5KVac / 1min (Input / Power)

## ORDER INFORMATION

MTR - Code1 - Code2 - Code3 Code4 Code5 Code6 Code7 Code8

Code1	Input Signal	Code2	Aux. Power	Code4	Rate Alarm Output	Code7	Analog Output
N5	NPN(5V)	A	AC/DC 100~240V	N	None	N	None
N2	NPN(12V)	C	DC22~50V	R	1 Relay	A	4~20mA
P5	PNP(5V)					V	0~10V
P2	PNP(12V)	Code3	Alarm 1 Setting	Code5	Total Alarm Output	O	Option
VC	Pick-up 50mV~1.5V	N	None	N	None		
VD	Pick-up 500mV~15V	R	Rate Alarm x 1	T	1 Relay	Code8	RS-485
VE	DC 24Vp	T	Total Alarm x 1			N	None
CT	Contact	B	Batch Alarm x 1	Code6	Pulse Output	Y	Yes
O	Option			N	None		
				P	P/Count		

## WIRING CONNECTION

