

- Accuracy:  $\pm 0.1\%$  F.S.  $\pm 1$  digit
- High brightness 0.4" LED; Rate of display range: 0~99999
- Rate / Total decimal point selectable
- Time unit selectable: sec / min / hour / day / month
- Total scale programmable (0.0001~9.9999)
- Reset for Total by external control input

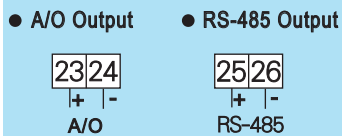
- Roof square function available for analog input
- Displacement function for environment monitor application
- 2 Alarms for Rate / 2 alarm for Total (Alarm 1 programmable) / Analog Output (16 bit resolution) / RS-485 communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety

## SPECIFICATION

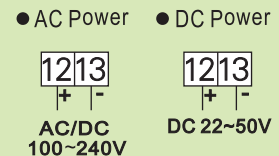
- ◆ Accuracy:  $\pm 0.1\%$  F.S.  $\pm 1$  digit
- ◆ Display Screen: High brightness red LED; 10.16mm(0.4")
- ◆ Sampling Time: 16 cycles / sec
- ◆ Display Range: Rate: 0~99999  
Total: 0~9999999999
- ◆ Zero Adjustment: Rate: 0~99999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity 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 Communication: Voltage Output: <20mA  
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm /  $^{\circ}\text{C}$  (0~60 $^{\circ}\text{C}$ )
- ◆ Operating Temperature: 0~60 $^{\circ}\text{C}$
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^{\circ}\text{C}$
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 12 / 24 / 30~90V
- ◆ Power Consumption: 8.5VA (all functions output)
- ◆ Surge Test: 1.5KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: >2V for 20K $\Omega$  / V;  $\leq 2\text{V}$  for >200M $\Omega$   
Current:  $\geq 0.2\text{A}$  at 100mV; <0.2A at 1V

## WIRING CONNECTION

### Output Function



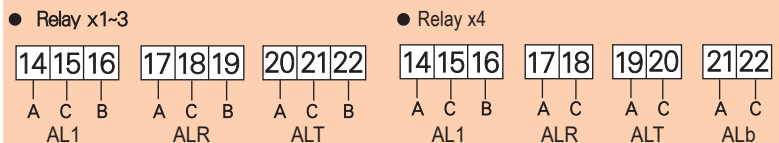
### Power



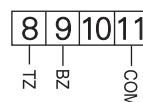
### Input Function



### Relay Function



### External Control Function



## ORDER INFORMATION

| Code1 | Input Type       | Code3 | Aux. Power      | Code5 | Rate Alarm Output  | Code8 | Analog Output |
|-------|------------------|-------|-----------------|-------|--------------------|-------|---------------|
| D     | DC               | A     | AC/DC 100~240V  | N     | None               | N     | None          |
| 2     | 2, 3 Wire Sensor | C     | DC 22~50V       | R     | 1 Relay            | A     | 4~20mA        |
| 4     | 4 Wire Sensor    |       |                 |       |                    | V     | 0~10V         |
|       |                  |       |                 | Code6 | Total Alarm Output | O     | Option        |
| Code2 | Input Signal     | Code4 | Alarm 1 Setting |       |                    | Code9 | RS-485        |
| A6    | 4~20mA           | N     | None            | T     | 1 Relay            | N     | None          |
| V3    | 1~5V             | R     | Rate Alarm x 1  |       |                    | Y     | Yes           |
| V4    | 0~10V            | T     | Total Alarm x 1 | Code7 | Batch Alarm Output |       |               |
| O     | Option           | B     | Batch Alarm x1  | N     | None               |       |               |
|       |                  |       |                 | B     | 1 Relay            |       |               |

MTA - [Code1] [Code2] - [Code3] -

[Code4] [Code5] [Code6] [Code7] [Code8] [Code9]

\*\*1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) flow sensors using.  
2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) flow sensors using.