

5-Digit, Microprocessor-based FLOW Meter

(with 2--4 x Alarms, Analogue output & RS485)

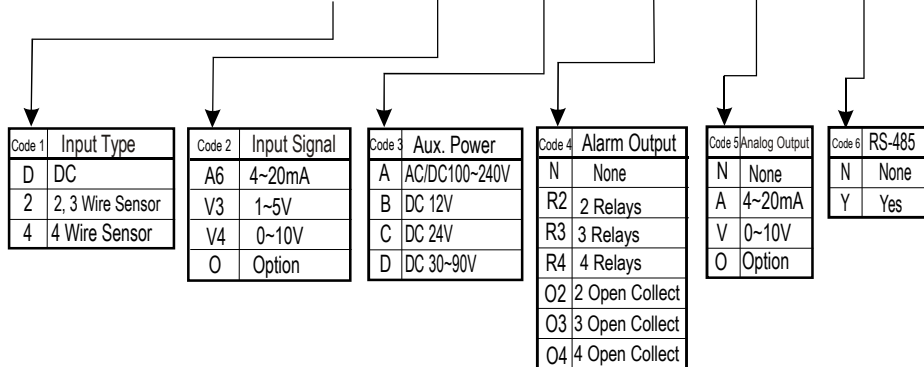
KFM-A

FEATURES

- Accuracy: $\pm 0.05\%$ F.S. ± 1 digit
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- Max. Hold / Data Hold / Reset / 2~4 Alarms (Hi or Lo) programmable / Analog output (15 bit resolution) / RS-485 communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval



ORDER INFORMATION: KFM-A- [Code 1] - [Code 2] - [Code 3] - [Code 4] - [Code 5] - [Code 6]

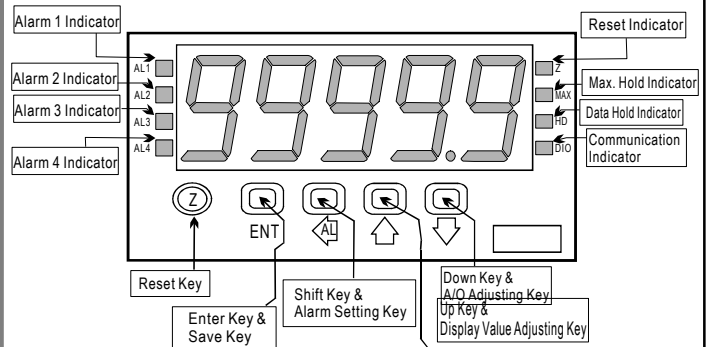


**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) flow sensors using.
 2: 3 Relay type only offers A(NormalOpen) output. O.C. (Open Collect) offers NPN of C.E. output.

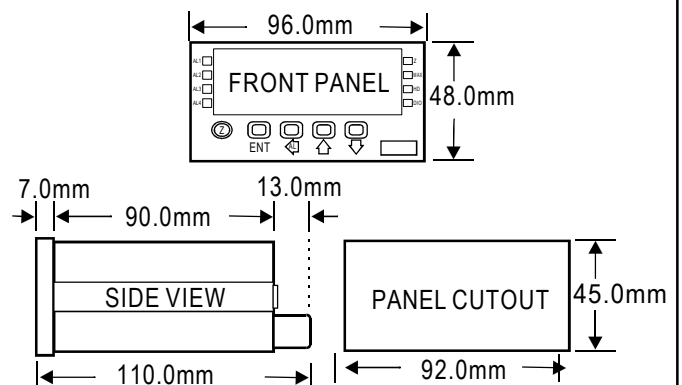
SPECIFICATION

- ◆ Accuracy: $\pm 0.05\%$ F.S. ± 1 digit
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Time: 16 cycles / sec
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: -19999~99999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: " \geq (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 15 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 12 / 24 / 30~90V
- ◆ Power Consumption: 8.5VA (all functions output)
1.5KVac / 1min (Input / Power)
- ◆ Surge Test: Voltage: >2V for 20K Ω / V; \leq 2V for >200M Ω
Current: \geq 0.2A at 100mV; <0.2A at 1V
- ◆ Input Impedence:

FRONT PANEL & KEY FUNCTIONS



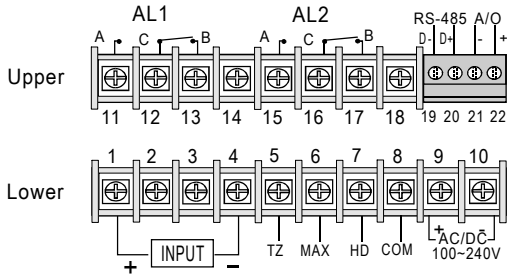
DIMENSION



WIRING CONNECTION

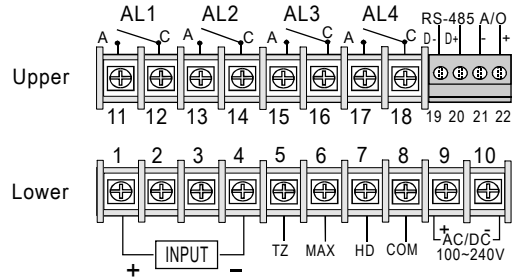
2 Alarms Output:

- Voltage, Current (DC)

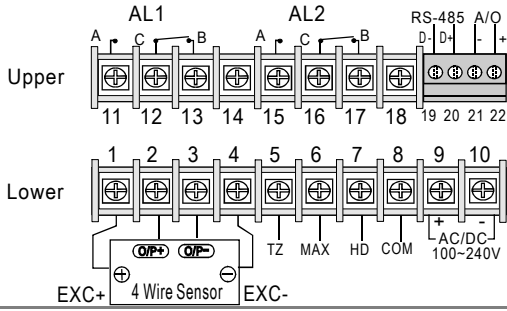


4 Alarms Output:

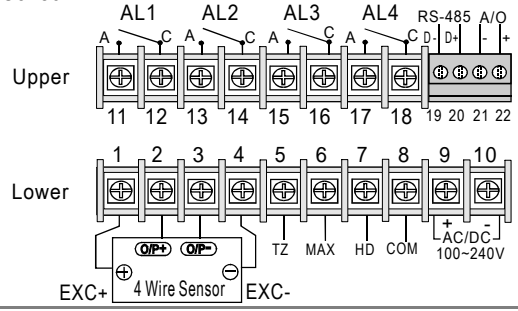
- Voltage, Current (DC)



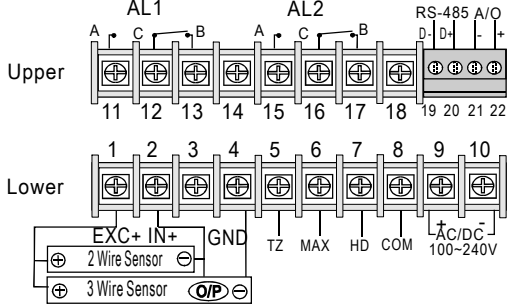
- 4 Wire Sensor



- 4 Wire Sensor



- 2,3 Wire Sensor



- 2,3 Wire Sensor

