

# 5-Digit, Microprocessor-based FLOW Meter

(24x48mm -- with 1 x alarm)

# KFS-A

## FEATURES

- Accuracy:  $\pm 0.05\%$  F.S.  $\pm 1$  digit
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable
- Reset (External terminal) and 1 alarm setting (Hi or Lo) programmable
- High stability, non-flammable case (PC), high safety
- CE approval



## ORDER INFORMATION: KFS-A-Code 1-Code 2-Code 3-Code 4

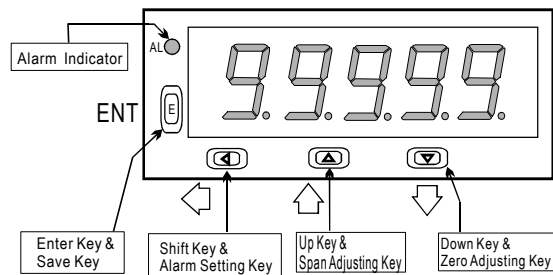
Code 1	Input Type	Code 2	Input Signal	Code 3	Aux. Power	Code 4	Alarm Output
D	DC	A6	4~20mA	A	AC/DC100~240V	N	None
2	2, 3 Wire Sensor	V3	1~5V	B	DC 22V~60V	R1	1 Relay
4	4 Wire Sensor	V4	0~10V				
		O	Option				

\*\*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.

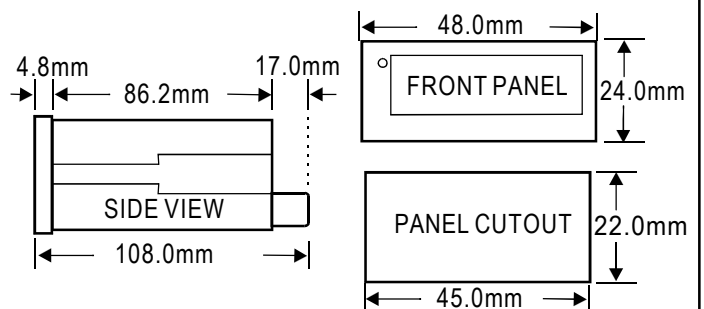
## SPECIFICATION

- ◆ Accuracy:  $\pm 0.05\%$  F.S.  $\pm 1$  digit
- ◆ Display Screen: High brightness red LED; 10.16mm(0.4")
- ◆ Sampling Time: 16 cycles / sec
- ◆ Display Rang: -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
- ◆ 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 22~60V
- ◆ Power Consumption: 4.5VA
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage:  $>2\text{V}$  for 20K $\Omega$  / V;  $\leq 2\text{V}$  for  $>200\text{M}\Omega$   
 Current:  $\geq 0.2\text{A}$  at 100mV;  $< 0.2\text{A}$  at 1V

## FRONT PANEL & KEY FUNCTIONS

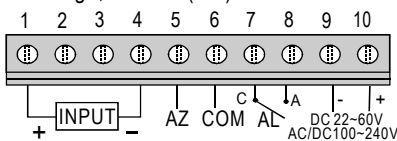


## DIMENSION

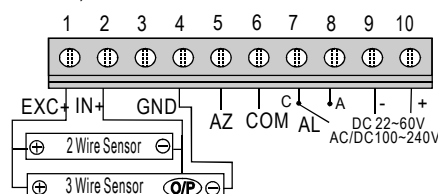


## WIRING CONNECTION

### Voltage, Current (DC)



### 2,3 Wire Sensor



### 4 Wire Sensor

