5-Digit, Microprocessor-based Transmitter
Pulse input -- Isolated -- for FLOW

KFT-R

FEATURES

- Accuracy: ±0.03% F.S.
- Measuring AC Frequency / DC Pulse / Magnetic; Input frequency: 0.001Hz~100KHz
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety

ORDER INFORMATION: KFT - R - Code 1 - Code 2 - Code 3

Code 1	Input Signal	Code 1	Input Signal
N5	NPN(5V)	VA	AC 2~60V
N2	NPN(12V)	VB	AC 60~600V
P5	PNP(5V)	VC	Pick-up 50mV~1.5V
P2	PNP(12V)	VD	Pick-up 500mV~15V
CT	Contact	VE	DC 24Vp
		O	Option

Code 3	Aux. Power
A	AC110V
B	AC220V
C	DC 24V

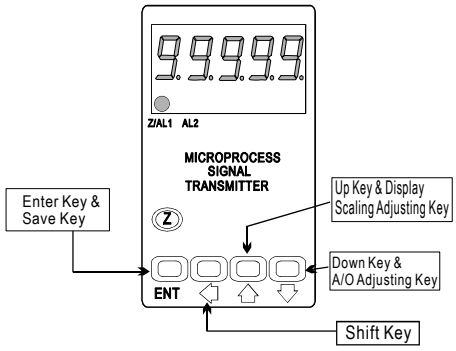
Code 4	Analog Output
1	4~20mA
2	0~20mA
3	0~5V
4	0~10V
O	Option

**1: NPN(5V),PNP(5V) offers excitation power DC5V; NPN(12V),PNP(12V) offers excitation power DC12V for flow sensors using.
2: Please use PNP/NPN(5V/12V) or DC24Vp for DC pulse input.

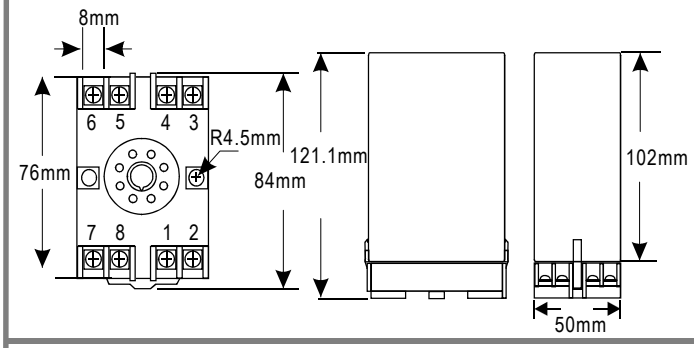
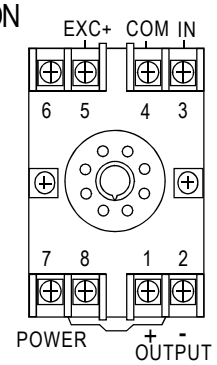
SPECIFICATION

♦ Accuracy:	±0.03% F.S.
♦ Display Screen:	High brightness red LED; 10.16mm (0.4")
♦ Display Range:	-19999~99999
♦ Zero Adjustment:	±9999
♦ Span Adjustment:	±9999
♦ Over Range Indication:	doFL / ioFL
♦ Polarity Indication:	Automatic with "-" indication
♦ Parameters Setting:	Push buttons
♦ Back Up Memory:	EEPROM
♦ Analog Output Resolution:	15 bit
♦ Output Response Time:	<250 msec (0~90%)
♦ Output Capability:	Voltage Output: <20mA Current Output: <10V
♦ Output Ripple:	≦±0.1% F.S.
♦ Isolation:	Input / Output / Power / Case
♦ Temperature Coefficient:	100ppm / ℃ (0~60℃)
♦ Operating Temperature:	0~60℃
♦ Operating Humidity:	20~90% RH (non-condensing)
♦ Storage Temperature:	-10~70℃
♦ Storage Humidity:	20~90% RH (non-condensing)
♦ Power Supply:	AC 110V, AC 220V
♦ Surge Test:	2KVac / 1min
♦ Insulation Resistance:	>100MΩ with 500Vdc
♦ Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦ Installation:	Socket / Plug in

FRONT PANEL & KEY FUNCTIONS



DIMENSION



WIRING CONNECTION