



KTR-700FC

Flow Monitor Collects, Analyzes and Reports on Flow information

■ FEATURE

- LCD Display
- Flow rate, totalizer
- DC 4-20 mA Output
- High · Low Contact
- RS-485, RS-232

■ APPLICATIONS

- ▶ General industry
 - Utility Use : Auxiliary and supply lines used in energy distribution
- ▶ Chemical and Other Process industry
 - Condensate and Coolant
 - Batching and mixing in the reactor
- ▶ Machinery and Equipment (OEM industry)
 - Coolant, Coolant, Lubricant, Air supply
- ▶ Paper and Pulp industries
- ▶ Iron and Metal Processing field

■ KTR-700FC General Specifications

| Input Signal | Analog Input | | Pulse Input | |
|-----------------------|--|--|--|--------------------------------------|
| | Thermocouple | | Waveform : Rectangular, Sine and Triangle wave | |
| | PT100 | | Amplitude: More than 4V | |
| | Current: 0-10mA, 4 ~ 20mA / Input Impedance \leq 250 Ω | | Frequency: 0 ~ 10KHz | |
| Output Signal | Analog Output | Communication Output | Switch Output | Feed Output |
| | DC 0 ~ 10mA (load resistance \leq 750 Ω) | RS232, RS485, Ethernet | Relay with hysteresis | DC24V (load current \leq 100mA) |
| | DC 4 ~ 20mA (load resistance \leq 500 Ω) | Baud rate: 600, 1200, 2400, 4800, 9600bps, 8 data bits, 1 stop bit, and 1 start bit | AC220V/3A DC24V/6A (Resistive load) | DC12V (load current \leq 200mA) |
| Accuracy | 0.2%FS \pm 1d or 0.5%FS \pm 1d Accuracy for frequency conversion : \pm 1 pulse (LMS), better than 0.2% | | | |
| Measuring Range | -999999 ~ 999999 for flow rate and compensation value / 0 ~ 99999999.9999 for totalizer | | | |
| Display | Backlit 128*64 lattice LCD Display Flow totalizer, Flow rate, Current, Frequency, Date, Time etc. | | | |
| Operating environment | Ambient temperature : -20 ~ 60°C Relative humidity: \leq 85%RH, Far from strong corrosive gas | | | |
| Power supply | Normal Type: AC 220V % (50Hz \pm 2Hz) Special Type: AC 80 ~ 265V (Switch power) DC 24V \pm 1V (Switch power) (AC 36V 50Hz \pm 2Hz) | | | |
| Power consumption | \leq 10W | | | |