

FK8 48X96



FK7 72X72

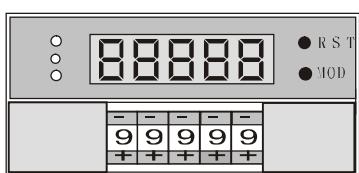
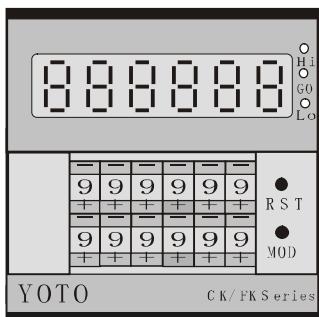
**Ordering Code**

FK-□-□-□-□— Alarm 0: No alarm 1: One alarm 2: Two alarm  
 └——— Display 4: 4-digit 5: 5-digit 6: 6-digit  
 └——— Alarm function A: No alarm R: Relay alarm output control  
 └——— Dimension: 4: 48H x 48W 7: 72H x 72W 8: 48H x 96W  
 FK series frequency / tacho / line speed meter

Example: FK8-R62: means FK series frequency/ tachometer/ linespeed meter, with 6 digit display, size in 48H x 96W, with two alarm control.

**Technical Data****Technical Data**

Input wave	Pulse signal: Square wave, sine wave
Input level	5V ≤ H ≤ 30V, 0 ≤ L ≤ 2V
Input impedance	≥ 10KΩ
Frequency measuring range	0.1 ~ 7000Hz
Display	0.000 ~ 999999 (To change as per measuring range)
Coefficient setting	0.000001 ~ 99999.9 ( To change as per measuring range)
Auxiliary power supply	12V DC ±10% 50mA max
Output mode	Relay contact
Working environment	0 ~ 50°C, 35% ~ 85%RH
Relay contact capacity	250V AC / 3A or 30V DC / 5A
Insulation resistance	≥ 100MΩ
Triggering edge	Rising edge
Power supply	AC 110V / 220V or 90 ~ 250V AC / DC

**Panel Illustration**

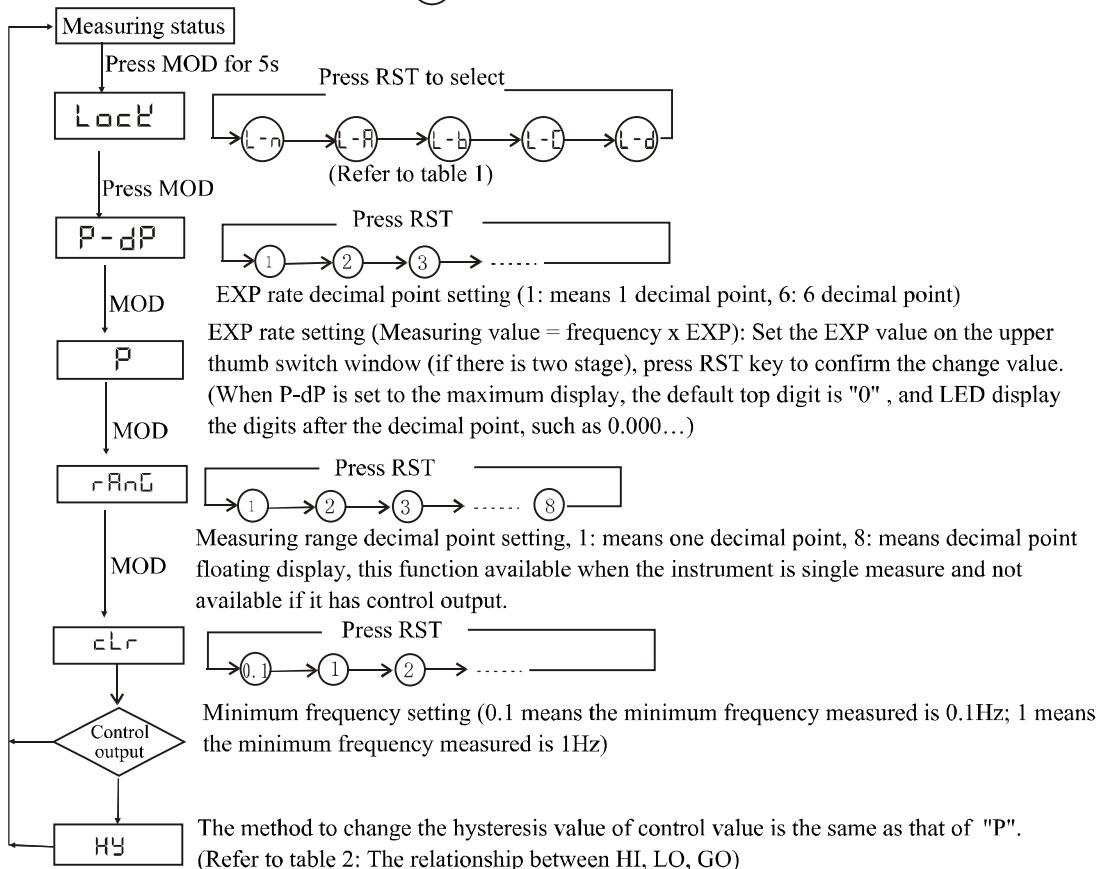
FK 7

MOD	Select & confirm
RST	Reset key
LED	Measured value display
Thumb switch	Control value setting
HI	Hi output indicator lamp
LO	Lo output indicator lamp
GO	GO output indicator lamp

**Operation Process**

Press MOD key for 5 seconds to enter into parameter setting status (measuring status), at this time, LED lights display current measuring status. You can shift the parameter one by one by pressing MOD. Press RST, it will show the current set value, press RST again can reset value. The set value will be saved automatically after seconds if no operation input. Press MOD can shift to next parameter and return to the measuring status.

※ Note:  when Lock is set to L-d  , other parameters are locked and can not be changed.



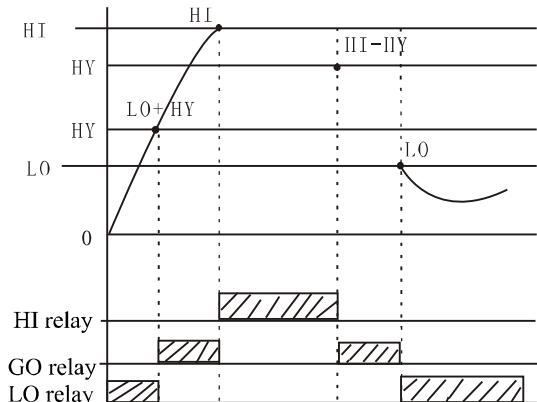
※ Note: When the instrument display "...", please check:

- 1). EXP rate (to check if P value has exceed the measuring range),
- 2). To check if LO set value is larger than HI set value),
- 3). To check if input signal is larger than the measuring range.

Table 1

Submenu	Specification
	To cancel or deselect lock function
	Not allow to change alarm value, if need to change, must press RST to refresh.
	When Lock is set to L-b, RST function is not available only when you deselect.
	This is for manufacturer setting only
	When LOCK is set to L-d, all parameters are locked and can be read but can not be change except for the thumb switch key.

Relation chart between HI, GO, LO output

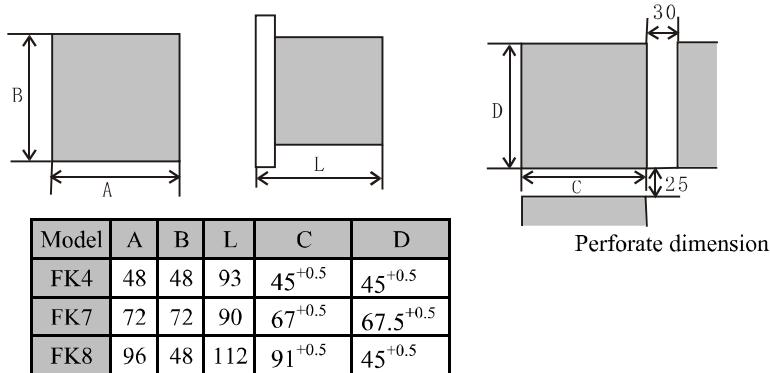


<b>HI</b>	When $SV > HI$ set value, HI relay alarm; when $SV \leq HI - HY$ , HI stops alarming.
<b>GO</b>	When $LO + HY < SV \leq HI - HY$ , GO relay output.
<b>LO</b>	When $SV \leq LO$ set value, LO relay output; when $SV > LO + HY$ , LO relay stops alarming.

Note: Hysteresis value (HY) cannot be larger than the control value, otherwise the relay will jump frequently.

Tabel 2

### Dimension Size



### Terminal Connection

