

# AC FREQUENCY TRANSDUCER

MODEL  
PF



## ■ FEATURES

- Accuracy 0.05%F.S.
- Wide selection of input/output range
- Dielectric strength 2KVac/1min. (input/output/power)
- Impuse test 5KV(1.2x50us)(IEC255-4,ANSI C37.90a/1974)
- Surge test (ring wave)2.5KV(0.25ms/1MHz) (IEC255-4)
- Dimension small and High stability

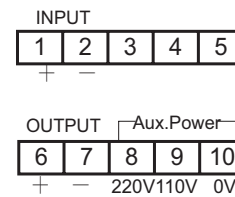
1:MODEL:PF-

NO	Input Frequency	NO	Output Range	NO	Aux.Power
1	45~55Hz	A	DC0~50mV	A	AC110V/220V
2	55~65Hz	B	DC0~1V	B	AC/DC20~60V
3	45~65Hz	C	DC1~5V	C	AC/DC90~260V
•Sensing voltage AC60~600V		D	DC0~10V	•Less 3VA for AC/DC input	
		E	DC2~10V		
		F	DC0~1mA		
		G	DC0~10mA		
		H	DC0~20mA		
		I	DC4~20mA		
		O	SPECIFIED		

## 2:SPECIFICATION

- Measuring accuracy : 0.05% F.S. (23±5°C)
- Input burden : <0.2VA
- Maximum input over : maximum 2 x rated continuous
- Response time : <250ms (0~90%)
- Output drive capability : <10mA for voltage mode  
<10V for current mode
- Output ripple(p-p) : <0.1% F.S.
- Zero (offset) range : 0~±5% F.S.
- Span (scale) range : 0~±10% F.S.
- Temp. coefficient : 50ppm/°C (0~50°C)
- Isolation : Input/Output/Power/Case
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output/power)
- Impulse test : ANSI C37.90a/1974,DIN-IEC 255-4  
impulse voltage 5KV (1.2 x 50us)
- Surge test(ring wave) : 2.5KV-0.25ms/1MHz(IEC255-4)
- Operating condition : -20~60°C (20 to 90% RH non-condensed)
- Storage condition : -30~70°C (20 to 90% RH non-condensed)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3.Terminal connection



## 4.Dimension(unit:mm)

