

# 交流頻率轉換器 ( AC FREQUENCY TRANSDUCER )

MODEL  
PF



## ■特點(FEATURES)

- 精確度0.05%滿刻度(Accuracy 0.05%F.S.)
- 多種輸入,輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1min. (input/output/power))
- 沖擊電壓測試5仟伏特(1.2x50us)(Impuse test 5KV(1.2x50us)(IEC255-4,ANSI C37.90a/1974)
- 突波電壓測試2.5仟伏特(0.25ms/1MHz)(Surge test (ring wave)2.5KV(0.25ms/1MHz))(IEC255-4)
- 尺寸小,穩定性高(Dimension small and High stability)

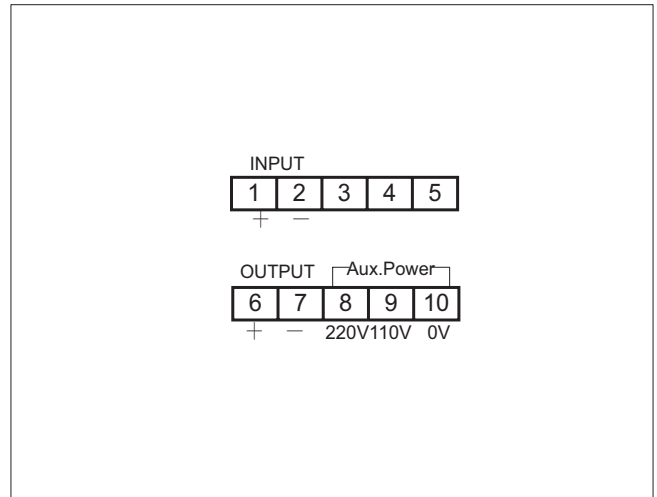
## 1:MODEL:PF- (選購型號)

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 (主要規格)

- Measuring accuracy : 0.05% F.S. (23±5°C)  
(精確度)
- Input burden : <0.2VA  
(輸入負載)
- Maximum input over : maximum 2 x rated continuous  
(最大過載能力)
- Response time : <250ms (0~90%)  
(輸出反應時間)
- Output drive capability : <10mA for voltage mode  
<10V for current mode  
(輸出負載能力)
- Output ripple(p-p) : <0.1% F.S.  
(輸出漣波)
- Zero (offset) range : 0~±5% F.S.  
(歸零調整範圍)
- Span (scale) range : 0~±10% F.S.  
(最大值調整範圍)
- Temp. coefficient : 50ppm/°C (0~50°C)  
(溫度係數)
- Isolation : Input/Output/Power/Case  
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC  
(絕緣阻抗)
- Dielectric strength : 2KVac/1 min. (input/output/power)  
(絕緣耐壓能力)
- Impulse test : ANSI C37.90a/1974,DIN-IEC 255-4  
impulse voltage 5KV (1.2 x 50us)  
(衝擊電壓測試)
- Surge test(ring wave) : 2.5KV-0.25ms/1MHz(IEC255-4)  
(突波電壓測試)
- Operating condition : -20~60°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition : -30~70°C (20 to 90% RH non-condensed)  
(存放環境條件)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
(CE認證)  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3.Terminal connection(接線圖)



## 4.Dimension(unit:mm)(外型尺寸)

