

# Current Transducer/Sensor



## SA44 Power Transducer

### FEATURES

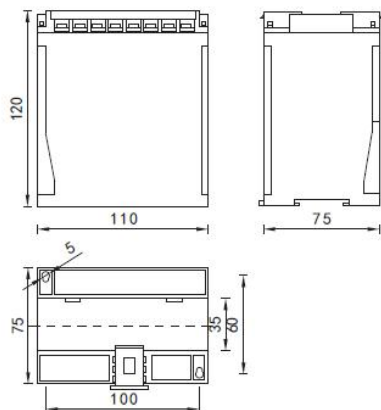
- \*Transforms the measured 3-phase AC active power, reactive power into the standard DC voltage or DC current output according to the linear proportion
- \*SCM technology, precise latest algorithm can achieve the precise measurement of the AC circuit power
- \*Excellent anti-interference ability and high accuracy (0.2%)
- \*Voltage terminal insert, standard din rail(35mm) mounting
- \*Dimension(mm): 110(L)×75(W)×120(H)
- \*Power supply AC/DC110V(220V)

### MODEL



Model selection1: LF-P31-59A44-0.2/220V\*5A  
 Explanation: this product is a 220V\*5A input range, 4~20mA output, 220V power supply, A44 style 3P3W active power transducer

### DIMENSION DIAGRAM



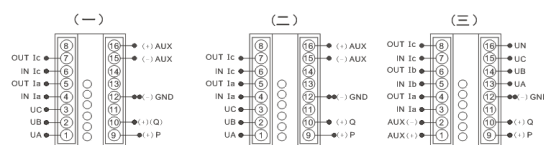
### ELECTRICAL DATA

- \* Standards:GB/T13850-1998, IEC688:1992
- \* Input Range:0~500V(0~5A) is optional
- \*Accuracy Grade:≤0.2%.F.S
- \* Temperature Characteristics:≤100PPM/°C(0~50°C)
- \* Power Consumption:≤5.0VA
- \* Working Stability:annual change<0.2%
- \* Isolation Withstanding Voltage:AC2.0KV/min\*1mA between input/output/power
- \* Isolation Resistance:≥20MΩ(DC500V)
- \* Impulse Voltage:5KV(peak value), 1.2/50uS
- \* Response Time:≤300mS
- \*Load Capacity:2 times current continuous
- \* Working Environment:-10 °C ~50 °C , 20%~90%without condensation
- \* Storage Environment:-40 °C ~70 °C , 20%~95%without condensation

### MODEL REMARKS

- A---P: Active power
- Q: Reactive power
- PQ: Active power and reactive power
- \* If the power has forward and reverse, need to declare
- B---
- 1: 3-phase 3-wire input
- 2: 3-phase 4-wire input
- C---Output
- 3:0~5V
- 4:0~20 mA
- 5:4~20 mA
- R:RS485
- D---
- 8:110V、
- 9:220V;
- E--- Voltage, current input range

### CONNECTION DIAGRAM



(一) 三相三线制有功或无功功率变送器接线方式;  
 (二) 三相四线制有功、无功功率组合变送器接线方式;  
 (三) 三相四线制有功或无功功率变送器接线方式;



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