POWER FACTOR METER / FREQENCY MATER
(Transducer Type)
PPD-96 / PAD-96

Power Factor Meter [1]

Type	Rated Value [2] [3]	Approx. consumption VA		Accessory Transducer
		Voltage	Current	
Single phase	110V, 5A (1A)	2VA	1VA	PT-62M-12 [5]
	220V, 5A (1A)			
Three phase (balanced)	110V, 5A (1A)	each phase 1VA	each phase 1VA	—
	220V, 5A (1A)	each phase 2VA		
Three phase (unbalanced) [4]	110V, 5A (1A)	each phase 1VA	each phase 1VA	—
	220V, 5A (1A)	each phase 2VA		
Three phase 4 wire [4]	110V, 5A (1A)	each phase 1VA	each phase 1VA	PT-64M-34 [5]
	220V, 5A (1A)	each phase 2VA		

Note:

[1] Standard scale: Lead0.5~1~Lag0.5. Scale for Three phase balance: Lead0~1~Lag0.
   (Effective measuring range: Lead0.3~1~Lag0.3) also can be manufactured.
   Please specify the frequency (50Hz or 60Hz) for all type except 3 phase balanced circuit.

[2] When above rating is exceeds, please external CT or VT respectively to meter 110V, 5A (1A)
   Usable voltage range: 110V: 90~130V ; 220V: 180~260V
   Please use in positive phase sequence.

[3] Tolerance guarantee is 1/5 or more of the rated current.

[4] 3 phase (unbalanced), 3 phace 4 wire (unbalanced) is voltage balanced.

[5] Please refer to page for the Transducer connection diagram.

Frequency Meter

Rated Voltage	Measuring Range	Approx. Consumption VA	Voltage variation range	Accessory
110V [2]	45~55Hz	1.7VA	90~130V	—
	55~65Hz			
	45~65Hz			
	350~450Hz [1]			
220V [2]	45~55Hz	2.5VA	180~260V	—
	55~65Hz			
	45~65Hz			
	350~450Hz [1]			

Note:

[1] Meter with special frequency range also can be manufactured (up to 1000Hz).

[2] Usable voltage range: 110V: 90~130V ; 220V: 180~260V
   Please cotact with us for manufactured above rated voltage and voltage change range.
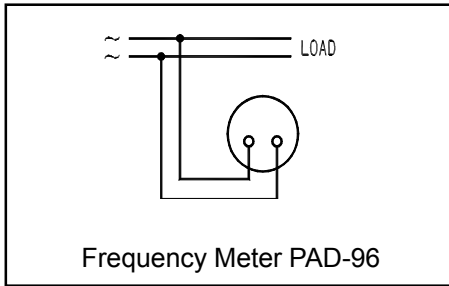
For SCR Wareform Meter

Meter SCR wareform input (Distortion wareform) also can be manufactured.
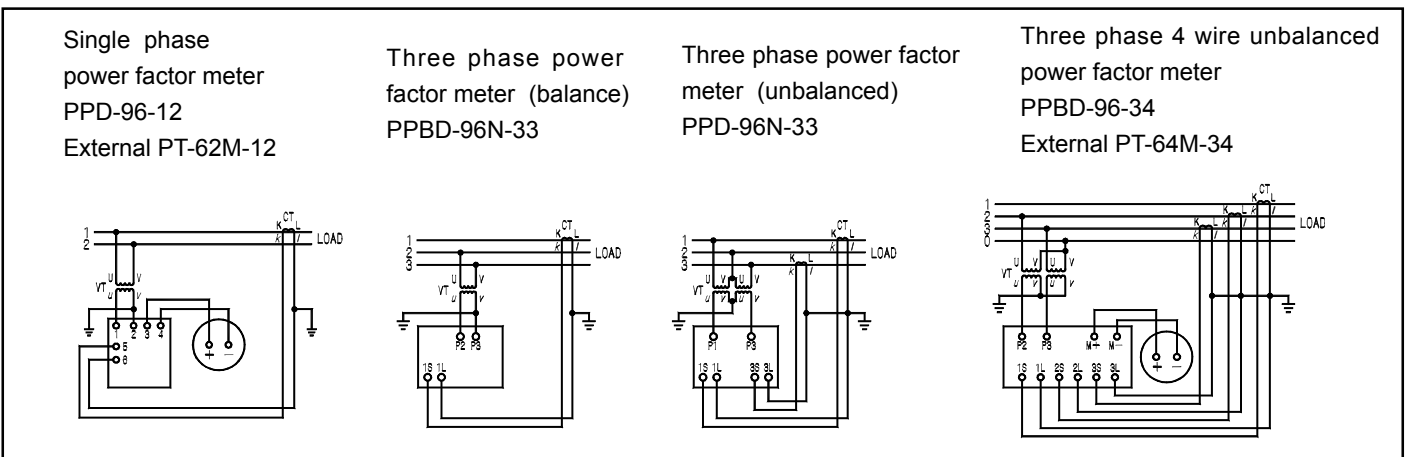
Type Name: PAD-96H-☐

⬤ DAIICHI ELECTRONICS CO., LTD

POWER FACTOR METER / FREQUENCY METER PPD-96 /
(Transducer Type) PAD-96

Connection Diagram

Frequency Meter PAD-96

Connection Diagram (False Phase Sequence Leads To Error)

Single phase power factor meter PPD-96-12 External PT-62M-12

Three phase power factor meter (balance) PPBD-96N-33

Three phase power factor meter (unbalanced) PPD-96N-33

Three phase 4 wire unbalanced power factor meter PPBD-96-34 External PT-64M-34

Dimensions (PPD-96 / PAD-96   External Transducer)

Panel cutout
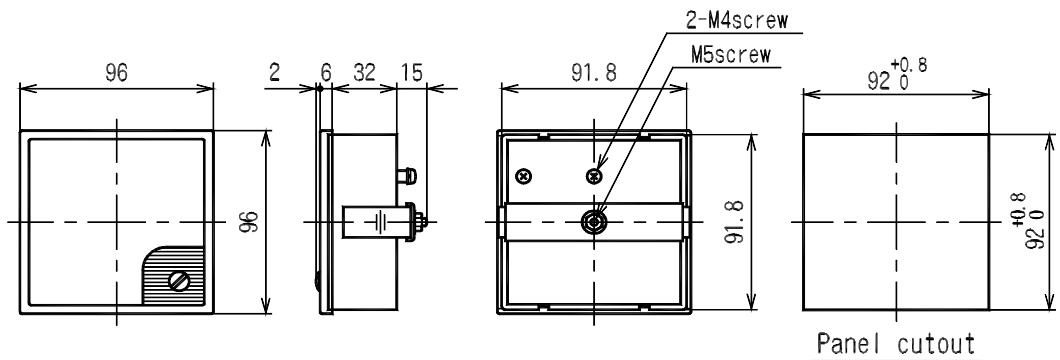
Dimensions (PPD-96N   Internal Transducer)

Panel cutout

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