

## PA/PZ666-□ series

single phase digital  
Ammeter, Voltmeter



Summary:

PA/PZ-□ series digital Ammeter/Voltmeter is the new generation of programmable instrument, mainly applied into real-time measurement and indication for the current and voltage in the electrical circuit, suitable for the occasions with relatively high requirements for the power quality and power safety as well as that with automation.

### 1. Main functions and characteristics:

- ◆ Real-time measurement and indication for the current and voltage value of the power circuit.
- ◆ The display range of the instrument is programmable.

### 2. Model specification and selection description:

(Unit: mm)

Model	Measurement display				T(communica- tion) RS485 interface	External size	Display mode
	AC voltage	AC current	DC voltage	DC current			
PA666-1		•			@	96×48	LED display
PA666-2		•			@	72×72	
PA666-3		•			@	96×96	
PA666-4		•			@	48×48	
PA666-6		•			@	80×80	
PA666-8		•			@	120×120	
PZ666-1	•				@	96×48	
PZ666-2	•				@	72×72	
PZ666-3	•				@	96×96	
PZ666-4	•				@	48×48	
PZ666-6	•				@	80×80	
PZ666-8	•				@	120×120	
PA666-1D				•	@	96×48	
PA666-2D				•	@	72×72	
PA666-3D				•	@	96×96	
PA666-4D				•	@	48×48	
PA666-6D				•	@	80×80	
PA666-8D				•	@	120×120	
PZ666-1D			•		@	96×48	
PZ666-2D			•		@	72×72	
PZ666-3D			•		@	96×96	
PZ666-4D			•		@	48×48	
PZ666-6D			•		@	80×80	
PZ666-8D			•		@	120×120	

Note: • means the intrinsic functions of the instrument

@ means extendible corresponding optional functions of this series of instruments.

### 3. Main technical performance and parameters:

Technical parameters	index		
Accuracy class	Class 0.5		
Input	Voltage	Rated value	AC/DC (0~660)V, the other special specifications can be custom-made
		Overload	Continuous: 1.2 times, instant: 10 times/5s
		Resistance	≤1Ω
	Current	Rated value	AC/DC (0~5)A, the other special specifications can be custom-made
		Overload	Continuous: 1.2 times, instant: 10 times/5s
Resistance		≤1Ω	
Output	Display mode		Single line 4 digit LED display, the max. voltage resolution is 0.1V, the max. current resolution is 0.001A
	Polarity indication		Complete the positive and negative value switch through polarity light(only for DC meter)
	Communication	Mode	RS-485
		Protocol	MODBUS-RTU
Working power supply	Range	AC220V±20%	
	Consumption	≤5VA	

Note: this series of instruments can be especially customized according to special specifications: the input terminal inputs DC standard signals, such as 4~20mA, 0~10V, 0~75mV, etc. The head of the meter can display the parameters including the corresponding voltage, current, frequency, power, power factor, pressure, flow, etc. of the primary loop of the sensor or transmitter; the items marked × are optional, which shall be specified by the customers when ordering.