



PONPE 595-L



PONPE 595-H



PONPE 595

Conductivity TDS Controller



Overview

Function

- Covering all types of flow between purified water and concentrated water.
- Optional for conductivity (uS/cm.) or TDS (ppm).
- Able to check instant water temperature (C)/ transcurrent (4-20 mA), in favor of problem solution.
- Isolated, transferable 4-20 mA current loop, any two transmission range can be set in full-scale.
- Flexible control application: conductivity high&low limit control/high level exceed control and hysteresis control.
- SMT (Surface Mount Technology), AOI (Automated Optical Inspection), ICT whole board analyze, computerized FCT inspection, strict quality management and control means.
- Widely used for pharmacy, Food, beverage, paper making, environment or chemical industries.



Specification

Picture			
Model		PONPE 595-L	PONPE 595-H
Conductivity cell model		CON595L	CON595H
Power supply		AC 220 \pm 10%	
Conductivity Cell Constant		10.00 (cm ⁻¹)	
Measurement Range	Conductivity	(0.5~2,000)	(0.5~20,000) mS/cm, (0.5~20,000)
	TDS	0.5ppm~1,000ppm	250ppm~10,000ppm
	Temp.	0~50°C (Temp. compensation component : NTC10H)	
Resolution	Conductivity	0.01uS/cm; 0.01mS/cm	
	TDS	0.01ppm	
	Temp.	0.1°C	
Accuracy	Conductivity	1.5% (FS)	
	TDS	1.5% (FS)	
	Temp.	\pm 0.5°C	
Temp. compensation range		0~50°C (with 25°C as standard)	
(4~20) mA	Channels	Single channel, isolated	
	Characteristics	Reversible, fully adjustable, instrument	
	Loop resistance	400 Ω (max), DC24V ;	
	Accuracy	\pm 0.1mA	
Control contacts	Channels	Single channel	
	Relay contacts	SPDT	
	Load capacity	AC 220V/3A Max ; AC 110V/5A Max; DC 24V/3A Max	
Work Environment		Temp: 0~50°C; relative humidity: \leq 85%RH, (none condensation)	
Storage Environment		Temp: -20~60°C; relative humidity: \leq 85%RH, (none condensation)	
Dimensions		96 mm \times 96mm \times 105 mm (H \times W \times D)	
Hole size		91 \times 91 (W \times H)	
Installation		Panel mounted, fast installation	
Includes		Controller, Electrode, Eng User Manual	

