

ponpe

INSTRUMENTS

Conductivity TDS Controller

PONPE 595

Function

- More reliable: Fully automatic calibration procedure.
- Seamless automatic switch for all ranges, digital temperature compensation.
- Compatible with 10.0 cm⁻¹ conductivity cell constant, 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) / trans. current (4~20mA), in favor of problem solution.
- Isolated, transferable 4~20mA current loop, any two transmission range can be set in full-scale range.
- Instru. / Trans mode, Instru. Mode support all 4~20mA signal regular. Trans. Mode support all two wire PLC system.
- Flexible control application: conductivity high & low limit control / high level exceed control and hysteresis control.
- LCD display provides clear technical implication of various parameter setting and status, more convenient and clear than the code prompt surface.
- Assisted identification provides clear technical identification for parameter setting and status.
- Terminals on industrialization standard, EMC design (electromagnetic compatibility), platformization in R&D, serial ization in product grouping.
- SMT (Surface Mount Technology), AOI (Automated Optical Inspection), ICT whole board analyze, computerized FCT inspection, strict quality management and control means.
- All products have been tested by aging experience, a level in quality.
- Matched calibration, complete packaging and storage of electric meter, conductivity cell; Purchase in accordance with international ordering process

Application

Widely used for pharmacy, food, beverage, paper making, environment protection, or chemical industries.



Drinking water



Agriculture



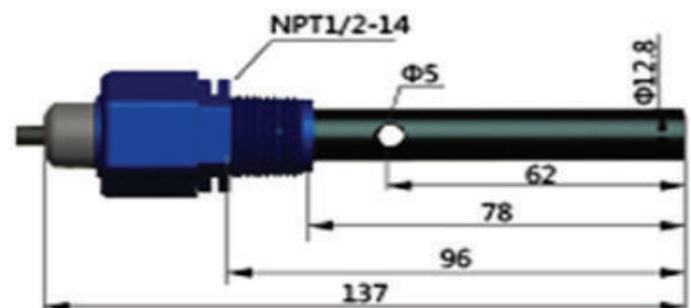
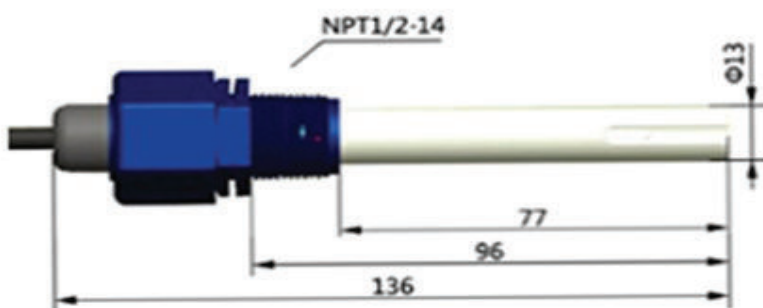
Wastewater

Specifications

Picture



Model		PONPE 595-L	PONPE 595-H
Conductivity cell model		CON595L	CON595H
Power supply		AC 220 ±10%	
Conductivity Cell Constant		10.00 (cm ⁻¹)	
Measurement Range	Conductivity	0.5~2.000 μS/cm	0.5 - 20,000 μS (20.000 mS)
	TDS	0.5ppm~1,000ppm	250ppm~10,000ppm
	Temp.	0~50°C (Temp. compensation component : NTC10K)	
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.	±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 / transmitter mode for selection	
	Loop resistance	400Ω (max), DC24V ;	
	Accuracy	±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: ≤85%RH, (none condensation)	
Storage Environment		Temp: -20~60°C; relative humidity: ≤85%RH, (none condensation)	
Dimensions		96 mm×96mm×105 mm (H×W×D)	
Hole size		91×91 (W×H)	
Installation		Panel mounted, fast installation	
Includes		Controller, Electrode, Eng User Manual	



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Supplied With



PONPE 595-L

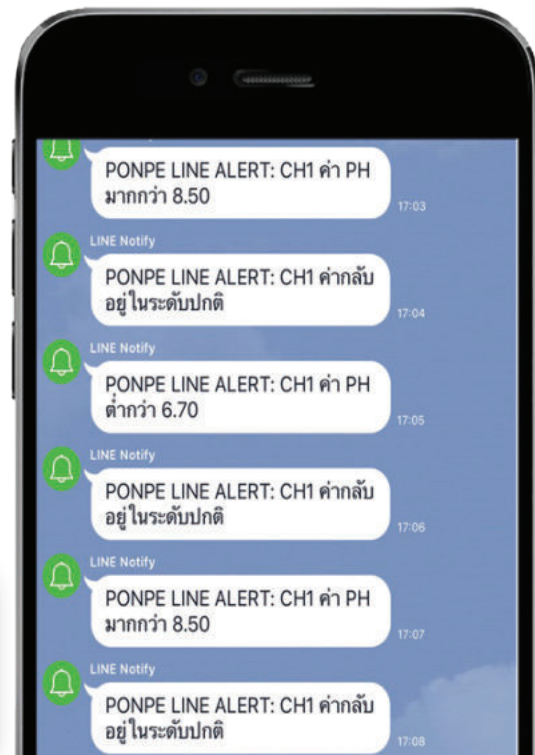
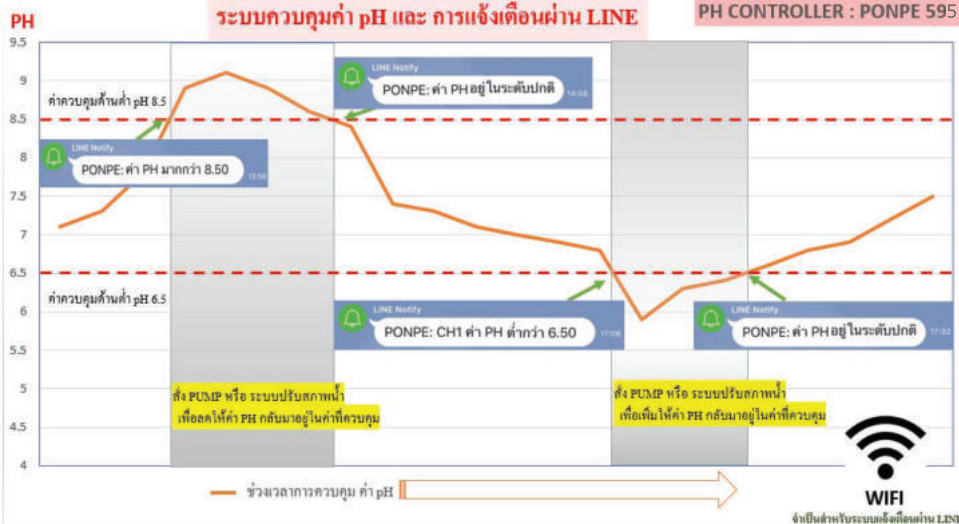
- 1 × Conductivity controller
- 1 × CON595L Conductivity electrode cable
- 1 × Certificate of Calibration



PONPE 595-H

- 1 × Conductivity controller
- 1 × CON595L Conductivity electrode cable
- 1 × Certificate of Calibration

OPTION (ซื้อเพิ่ม)



ระบบการแจ้งเตือนผ่าน Application Line

