PEC-500B Conductivity Online Analyzer

Introduction





PEC-500B digital quadrupole conductivity online analyzer, suitable for all kinds of harsh working environment. It has the advantages of high precision, long life and small drift. Widely used in surface water, municipal sewage, industrial wastewater, sewage treatment, waterworks, industrial process, aquaculture and other industries.

Main Features

- Corrosion-resistant shell, waterproof grade IP68, can work underwater for a long time.
- RS485 communication interface, the standard Modbus protocol, ease of integration.
- Standard digital signal output can be realized in the case of no controller and other equipment integration and networking.
- Convenient and quick installation, easy plug and play.
- Time display, data storage and the function of historical data view.
- Optional data wireless transmission module.
- Controller can be hanging installation/panel/clip pipe installation.

Application

- Surface water, water plant, aquaculture.
- Municipal sewage and industrial wastewater, sewage treatment, industrial process.

Technical Specifications

Measuring range	10 us/cm -200 ms/cm (automatic switching)
Main material	316L Stainless Steel
Resolution	0.01us/cm-1us/cm depends on measure range
Repeatability	±1% or 1us/cm bigger one
Accuracy	±1% or 1 us/cm bigger one
Temp. measuring range	0-100℃
Electrode voltage resistance	0-0.1Mpa
Electrode temp. resistance	0-45℃ (no icing)
Communication protocol	MODBUS RS485
Power supply	AC:85-500VAC ;DC:9-36VDC
Output	3-way 4-20mA
Relay	Three-way relays, programmed parameter & value response.
Protective rate	Sensor:IP68/NEMA6P;Transmitter:IP66/ NEMA4X
Dimensions	Sensor:Dia34mm*L 230mm;Transmitter:145*125*162mm(L*W*H)
Mounting thread	Upper R3/4
Cable length	Standard: 10m, up to 200m