

Digital Conductivity/TDS/Salinity Sensor



Designed for Pure, Boiler Feed water, Power Plant, Condensate Water.

Easy to connect to PLC, DCS, industrial control computers, general purpose controllers, paperless recording instruments or touch screens and other third party devices.

Specifications

Measuring specific conductivity of aqueous solutions is becoming increasingly important for determining impurities in water. The measurement accuracy is greatly affected by temperature variation, polarization of the contact electrode surface, cable capacitance, etc. Twinno has designed a variety of sophisticated sensors and meters that can handle these measurements even in extreme conditions.

LABTECH quadrupole sensor has been proven to operate over a wide range of conductivity values. It is made of PEEK and is suitable for simple NPT3/4" process connections. The electrical interface is customizable, which is ideal for this process. These sensors are designed for accurate measurements over a wide electrical conductivity range and are suitable for use in the pharmaceutical, food and beverage industries, where product and cleaning chemicals need to be monitored. Due to industry hygiene requirements, these sensors are suitable for steam sterilization and CIP cleaning. In addition, all parts are electrically polished and the materials used are FDA-approved.

Model Number	ACCT3704D
Power supply/Signal output	9~36VDC/RS485 MODBUS RTU
Measure material	Graphite (quadrupole)
Housing material	PP+
Waterproof rating	IP68
Measurement range	Con: 0-500ms/cm; TDS: 0-250g/L; Salinity: 0-700ppt; 0-70%; 0-700g/L
Accuracy	±1%F.S
Pressure resistance	≤0.6Mpa
Temperature compensation	NTC10K
Temperature range	0-80°C
Calibration	Sample calibration, standard liquid calibration
Connection methods	4 core cable
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4"
Application	General application, river, lake, drink water, industrial water and so on.

*Specifications Subject to change for continuous improvement, Rev:1



CONNECT+
IoT Solution Enabled

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