

Conductivity VWQS-EC-01

Data Sheet

Features

Verge Conductivity Sensor

The Verge 4 in 1 water conductivity sensor measures EC TDS Salinity. It has high stability, excellent repeatability and high measurement accuracy. The measurement variables are available as separate registers over Modbus. Systems are affordable, have digital linearization correction, high precision, high stability and high performance. Has long life and high reliability. It has high-quality low-noise cable.

It is simple to calibrate and is part of the Verge Sonde system, allowing for periodic automatic sensor cleaning. Solutions widely used in online monitoring of Salinity in environmental protection, sewage treatment, aquaculture, food processing, drinking water, recycled water cross contamination. It is simple to calibrate and is part of the Verge Sonde system, allowing for periodic automatic sensor cleaning. Sensor could be utilized alone or part of Sonde

Specifications

| | |
|------------------------------------|---|
| Parameter | Conductivity, TDS, Salinity |
| Units | us/cm (conductivity) |
| Range | 0-10000 (conductivity) |
| Resolution | 0.1 |
| Accuracy | +/-0.1us/cm |
| Protocol | RS485 Modbus |
| Temperature Limits | +5 to 55 degC |
| Voltage supply | 9-24 VDC |
| Housing Materials | Acetyl |
| Cable Materials | Rubber |
| Cable Length | 5m |
| Modbus Address (Adjustable) | 03(DEC) |
| Wire colours | Red: V+, Black: V-, Yellow Modbus A, Green: Modbus B |



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