

ONLINE SALINITY ANALYZER

Model TMC-102 + TSA101

TSA101 series of online Salinity Sensor, in the interior of the Sensors achieve the automatic temperature compensation, digital signal conversion and other functions. With rapid response, low maintenance cost, real-time online measurement characters etc.



Features

- Range: 0 – 70 ppt (g/L).
- Can work stable for a long time.
- Built in temperature sensor, range 0 – 50 °C.
- **High and low alarm:** set-up high and low alarm via relay output.
- **Waterproof and dust-proof:** good sealing instrument.
- **Multi-screen display:** There are four kinds of sensors can connect to display, user-friendly display for the different requirements.
- **Salinity calibration:** provide slope calibration.
- **Completed system ready to use.**



TECHNICAL SPECIFICATION

CONTROLLER

Housing box: ABS material ; IP 67

Model: TMC-102

Display: Graphic LCD

Input sensor: max. 04 sensors

Relay output: 02 Transistor relays

Communication output: Modbus RTU

Analog output: 4-20 mA

Power supply: 220 VAC or 24 VDC



SALINITY SENSOR

Model: TSA101

Parameter measurement: Conductivity; temperature

Measure range: Salinity: 0~70 ppt; Temperature: 0~50 °C

Accuracy: Salinity: $\pm 2\%$ FS; Temperature: ± 0.5 °C

Resolution: Salinity: ± 0.1 ppt; Temperature: 0.1°C

Response Time: Less than 60 second

Working environment: Temperature 0 ~ 50 °C, Relative humidity <85%

Working pressure: Min. 1.2 bar ; Max. 2.5 bar

Dimension of transmitter: W280 x L130 x H190 mm

Dimension of sensor box: W140 x L95 x H230 mm



Made in Vietnam