

## MTX-Sensor: SeaWater TEMP

### M500-11 Modbus

The M500-11 Liquid Temperature Sensor is utilized for measuring the temperature of liquid media and finds applications in automatic meteorological stations, pond or reservoir water temperature monitoring, and various other fields. This sensor employs a precision thermal resistance as its sensing element, with built-in signal sampling and amplification, zero drift correction, and temperature compensation functions. It offers high measurement accuracy and excellent stability.

#### FEATURES

- Employs a **precise thermal resistance** with outstanding corrosion resistance, making it suitable for various soil types.
- Shows strong **linearity** characteristics, which guarantee dependability and exceptional precision.

#### APPLICATIONS

- Seawater
- Farmland
- Pond
- Aquaculture
- Environmental Monitoring Station



## ORDERING INFORMATION

**600203316** MTX-Sensor SeaWater TEMP – M500-11 – Modbus

## SPECIFICATIONS

Item	Technical Specification
Range	-40-+80°C
Supply	12-24VDC
Accuracy	±0.5°C
Response time	<1s
Output Signal	RS485
Operating Temperature	-40°C-+80°C
Housing material	316L
Probe weight(unpacked)	145g
Ingress Protection	IP68
Storage	10-60°C@20%-90%RH