

# T42



## High-Precision Temperature Sensing

Airmar's T42 is a high-precision temperature sensor that has a bronze button on the face for a quick, 15 second thermal time constant and is accurate to  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.17^{\circ}\text{F}$ ). Precision temperature data is output to a chart plotter, radar screen, digital display or computer. A separate interface box is available for NMEA 0183 output. The T42 is ideal for fishing as it can detect thermal boundaries such as the edges of currents.



T42 high-precision temperature sensor with interface box

## Thru-Hull Temperature Sensor

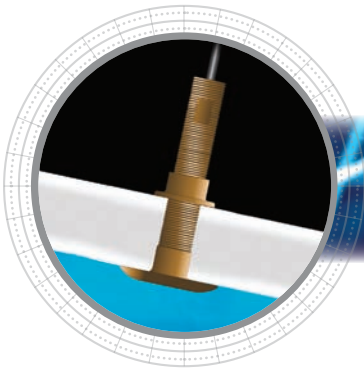
High-Precision Smart™

### Applications

- Water temperature for sport and commercial fishing

### Features

- Temperature only
- Senses temperature in water and is mounted in fiberglass or wooden boats
- Durable bronze housing
- Temperature sensors have a 3 m (10') cable to the interface box
- Interface box has a 10 m (33') cable leading to the instrument



## Technical Information

### SPECIFICATIONS

**Weight:** 0.6 kg (1.3 lb)  
**Temperature Accuracy:**  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.17^{\circ}\text{F}$ )  
**Resolution:**  $0.01^{\circ}\text{C}$  ( $0.2^{\circ}\text{F}$ )  
**Data Update Rate:** 1 per second  
**Data Output Protocol:** NMEA 0183  
**NMEA Data Sentence:** YXMTW  
**Supply Voltage:** 6 VDC to 28 VDC  
**Supply Current:** 30 mA maximum  
**Maximum Extension Cable Length:** 100 m (330')  
**Hole Diameter:** 22 mm (7/8")  
**Temperature Range:**  $0^{\circ}\text{C}$  to  $30^{\circ}\text{C}$  ( $32^{\circ}\text{F}$  to  $86^{\circ}\text{F}$ )

### DIMENSIONS

