



# HT200

## High-Precision Smart™ Temperature Sensor for Commercial and Sport Fishing

### Precision Water Temperature for Better Fishing Success When Response Time is Critical

Often, the difference between catching and not catching is locating the temperature break marking the seam between two currents. The HT200 features a larger, bronze surface that delivers super-fast 0.15 second response to changes in water temperature. Data is delivered directly to the NMEA2000® network for display on every MFD aboard. Most plotters feature the ability to display water temperature graphics on-screen for the quickest visual tracking of water temperature. Don't let a delay in temperature data be the reason for a slow day- Get the HT200 on board and go for the win!

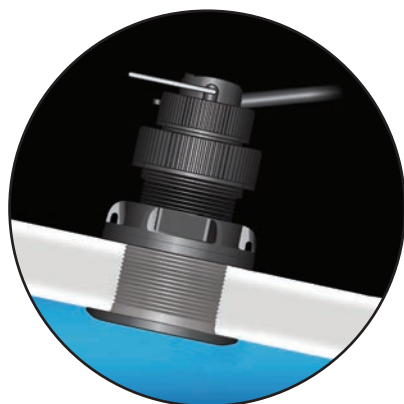
### Features

- High-precision temperature
- $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.17^{\circ}\text{F}$ ) accuracy
- Retractable sensor insert fits P17, B17, and SS577 housings
- These low-profile housings are nearly flush and minimize drag with only 5 mm (3/16") extending outside the hull
- NMEA2000® certified



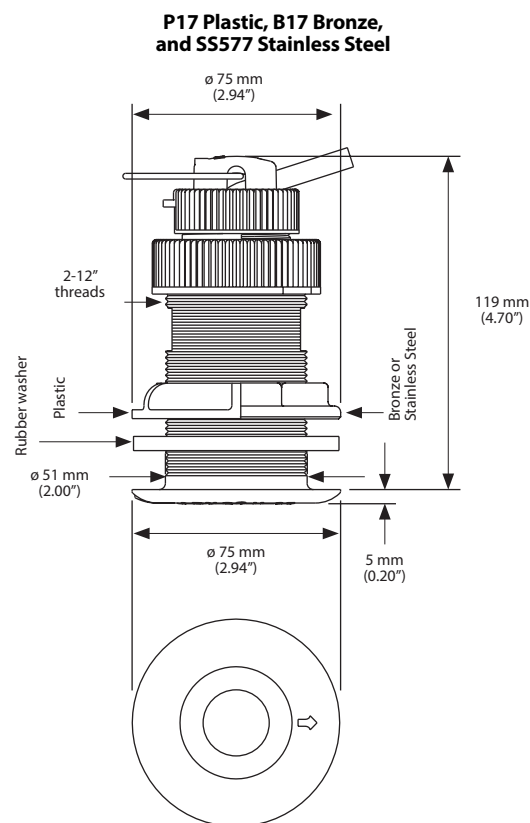
# Technical Information

SPECIFICATIONS	
<b>Weight</b>	0.6 kg (1.3 lb)—Plastic 1.3 kg (2.8 lb)—Bronze 1.6 kg (3.5 lb)—Stainless Steel
<b>Temperature Accuracy</b>	$\pm 0.3^{\circ}\text{C}$ ( $\pm 0.17^{\circ}\text{F}$ )
<b>Temperature Resolution</b>	$0.01^{\circ}\text{C}$ ( $0.02^{\circ}\text{F}$ )
<b>Data Update Rate</b>	2 per second
<b>Data Output Protocol</b>	NMEA2000®
<b>Supply Voltage</b>	9 VDC to 50 VDC
<b>Supply Current</b>	30 mA maximum
<b>Maximum Extension Cable Length</b>	6 m (20')
<b>Hole Diameter</b>	51 mm (2")
<b>Temperature Range</b>	$0^{\circ}\text{C}$ to $30^{\circ}\text{C}$ ( $32^{\circ}\text{F}$ to $86^{\circ}\text{F}$ )
<b>NMEA 2000® Load Equivalency Number (LEN)</b>	1



NMEA 2000® SUPPORTED PGNS	
<b>59392</b>	ISO Acknowledgment
<b>60928</b>	ISO Address Claim
<b>126208</b>	Acknowledge Group Function
<b>126464</b>	Transmit PGN List Group Function
<b>126464</b>	Received PGN List Group Function
<b>126996</b>	Product Information
<b>126998</b>	Configuration Information
<b>130310</b>	Environmental Parameters (Water Temperature)
<b>130311</b>	Environmental Parameters (Water Temperature)
<b>130312</b>	Temperature (Sea Water)

## PROCESSOR BOX CONFIGURATIONS



[www.airmar.com](http://www.airmar.com)



©2018 Airmar Technology Corporation

HT200\_DS\_RB 07/10/18

As Airmar constantly improves its products, all specifications are subject to change without notice. All Airmar products are designed to provide high levels of accuracy and reliability, however they should only be used as aids to navigation and not as a replacement for traditional navigation aids and techniques. Smart™ is a trademark of Airmar Technology Corporation. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies, which are not affiliated with Airmar.

