

Sonic Wind Ultrasonic Wind-Sensor



Airmar® PB100

130 mm high, 72 mm diameter, 285 grams weight. Fits readily onto standard 1"-14 thread antenna mount

Multi Function Display

The bright yellow *analog* LED-Pointer around the face of the display supplements the *digital LCD* in the center:

- Apparent and True wind direction and speed
- Compass Heading
- Ground Speed and Ground Course
- Log Speed (requires Log-Sensor)
- Heel and Pitch angle
- Air Pressure and Temperature



(17 x
115 x
130 mm)

Flat display. Installation requires only small hole in the center.

PB100 - Airmar®'s new miracle!

The Airmar® PB100 Ultrasonic Wind-Sensor has no moving parts and comes with a GPS, a Fluxgate Compass Sensor, a barometric pressure and temperature sensor and an Inclinometer in the same housing. Data are transmitted in NMEA-format and are shown on the Tecnautic Displays, or if desired, also on a PC screen by means of the included "weathercaster" software.

When connected to the autopilot, the PB100 replaces the standard fluxgate sensor, for slewing the sonic heading gyro. In addition it provides wind and GPS data.

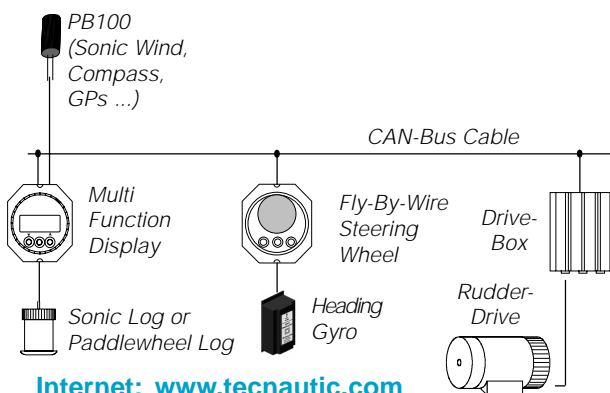
Options:

One more sensor may be connected to the same Display Unit, like a Log Sensor or a Heading Gyro etc.

The unit can be linked to other displays or to the autopilot by its CAN-Bus connector.

PB100 Specs and Features:

- Windspeed from 0,5 to 99,5 knots
- Windangle resolution 1 degree
- Fluxgate sensing typically 1 degree
- Barometric range 850 to 1150 hecto-Pascal
- High strength, light weight, 4-wire PU mast cable, in various length
- CAN-Bus supply 12 or 24 Volt (the Sensor itself works on 12 Volt DC)



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