DIGITAL BAROMETER YDBC-05

The Barometer is intended for measuring atmospheric pressure within the range of **300 to 1100 hPa (mbar)**. The sensor is located inside the device case. Many chartplotters and digital navigation instruments are able to display data on pressure in the form of graphs or show a trend indicator; this allows tracking of trends in weather changes. Absolute measurement accuracy ± 1 hPa between 0 and 65 °C. Output data resolution 0.01 hPa.

DIGITAL THERMOMETER YDTC-13

Performs measurements within the range from **-55 to +125°C (-67 to 257°F)**, the sensor is placed outside the case on a flexible, 95cm wire in a sealed stainless steel sleeve and can be used to measure the temperature of gases or liquids. If necessary, the wire can be elongated up to 100 meters. The Thermometer can be configured by the user to display data as "Air temperature", "Sea temperature", "Temperature in the refrigerator", "Temperature in the engine room", "Bait well temperature", etc.

HUMIDITY SENSOR YDHS-01

This sensor provides chart plotters and instrumental displays with humidity and air temperature measurements and a calculated dew point temperature. This product can be used for weather monitoring and fog prediction; mold prevention by monitoring of water intake or moisture condensation in lockers. Equipped with a high-quality sensor that provides ±2 % RH and ±0.3 °C accuracy in most of the operating range. Operating range is **0 - 100% RH** and **-40..120 °C (-40..248 °F)**.

All sensors (including the Exhaust Gas Sensor) are:

► plug and play; you only need to plug the sensor into a NMEA 2000 backbone to get readings on all chart plotters and instruments on board;

► support firmware updates and multiple configuration methods;

► able to turn on or off specified digital switching channels (see insert at left);

► equipped with NMEA 2000 Micro Male or Raymarine SeaTalk NG connectors.

USD **99/99 149**