EXHAUST GAS SENSOR YDGS-01

The Sensor measure the temperature of extremely hot gases, solids and liquids within the range from 0 to +800 °C (+32 to 1472 °F).

The Exhaust Gas Sensor is designed not only for exhaust gas. With factory settings it transmits measured data as "Air Temperature" (because this data type is supported in all chart plotters), but can be reconfigured to display "Exhaust Gas Temperature", "Heating System Temperature", "Engine Room Temperature", etc.

Technical details:

Temperature is measured by the thermocouple which is placed outside the Sensor case and has a flexible 90-cm (3 foot) sheath with an internal heat-resistant fiberglass insulation layer. The trade-off for such a wide temperature range is that the accuracy is ±5.5 Celsius in the range up to 330 °Celsius (and much better below 100 °Celsius), and at the upper limit (800 °C) the accuracy is ±11.5 Celsius.

Digital Switching Support:

All our sensors can be configured by the user to turn on or off specified channels of digital switching equipment. One sensor can manage up to six different channels using six different conditions.

The Digital Thermometer and Exhaust Gas Sensor operate by actual temperature. The conditions for the Digital Barometer can be either the actual atmospheric pressure or the difference between actual pressure and the pressure 30 minutes or 1 hour ago. This allows a warning to be set concerning the rise or fall of pressure and upcoming weather changes. The Humidity Sensor operates by air temperature, relative humidity and by the difference between air temperature and dew point temperature. In other words, it can ventilate your boat when she needs it or it can turn on the radar if fog is coming.

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Equipped with NMEA 2000 Micro Male or Raymarine SeaTalk NG connector
Current consumption: 34 mA, 7..16 V
Cable length: 900 mm
Device case length (without connector): 40 mm

USD **$ 149**