

OceanTools

OceanDEPTH

Subsea depth sensor

The **OceanTools OceanDEPTH** sensor is a *compact and cost-effective* subsea depth measurement device.

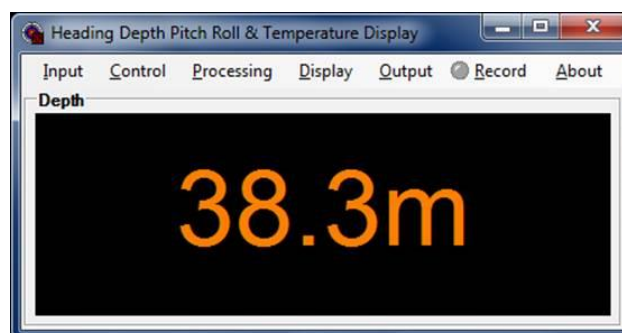


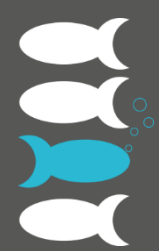
Overview

The **OceanDEPTH** depth sensor is available in depth ratings from 1000m to 6000m, with a choice of transducer measurement ranges to suit specific requirements.

Data is output as a simple RS232 or RS485 string. Addressable RS485 is available to allow multiple sensors on a single cable.

There are several methods for displaying the data, including the standard intuitive Windows based display software shown below. Bespoke display software can be developed if required.





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Key Features

- Aluminium, stainless steel and titanium housing options
- 1000m to 6000m depth rating options
- RS232 and RS485 ASCII communication
- RS485 addressable for use in multiple sensor chain
- Choice of transducer measurement ranges to meet customer requirements

Specifications:	
Depth accuracy	0.25% Full Scale
Depth resolution	0.1m
Data outputs	RS232, RS485
Input voltage	12VDC
Maximum current	100mA @ 12VDC
Length (excl connector) *	145mm
Diameter *	107mm
Weight in air *	4.8kg
Weight in water (estimated) *	2.5kg
Standard depth ratings	1000m to 6000m

* 1000m rated version

Related Products

The **OceanTHDT** sensor pack combines a high precision magnetic compass with pitch, roll, depth and temperature sensors and is similar in appearance and operation to the **OceanDEPTH** depth sensor or **OceanTILT** inclinometer, generating a simple ASCII serial output.

The **OceanLOG** subsea datalogger can record ASCII data from any of the above sensors and apply accurate timestamps for subsequent retrieval and analysis.

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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