



OceanTools

C-Level

Subsea digital level display

The OceanTools **C-Level** is an ROV or diver deployed digital level that may be used to measure and display the inclination angle of underwater structures or mooring lines.



Overview

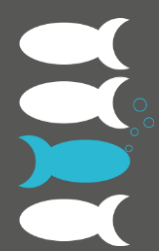
The **C-Level** is an integrated inclination measurement and display unit. The measured angle is shown in real time on a high visibility LED matrix display.

Building on the success of the **DISTIL** display and tilt sensor, the **C-Level** has an acetal housing with anodized aluminium front plate and acrylic window, with a 300m depth rating.

Custom handle options are available to aid deployment by ROV or diver. Guides can be fitted to the base to allow it to sit on a mooring chain or wire and measure the angle of the mooring.

Key Features

- Integrated sensor and display
- $\pm 180^\circ$ operating range
- Range of handle and mounting options
- 300m standard depth rating



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Specifications

	C-Level
Angular measurement range	±180°
Angular measurement accuracy 0°±10	0.05°
Angular measurement resolution	0.01°
Input voltage	10–36VDC
Operational current *	150mA @ 24VDC
Depth rating	300m
Standard connector	Glenair G5507-1508
Length (excl connector)	300mm
Height (excl handle)	120mm
Height (incl standard handle)	205mm
Depth	123mm
Weight in air	12kg
Weight in water (estimated)	8kg
* = <i>typical value at full brightness</i>	

Related Products

OceanDISP-7K is a versatile, light-activated deep ocean display unit capable of interfacing to the serial outputs of a wide range of subsea devices.

OceanTILT is a stand-alone dual axis inclinometer sensor offering pitch and roll as a serial output, and is central to our range of integrated attitude and inclinometer packages.

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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