

CP System AD Converter Pod

Ocean-5 CP System AD Converter Pod is a 3000m rated electronic pod for the conversion of analogue signals from CP probe into digital signal to be sent to the surface in the form of RS232 / RS485 signal. Data received at the surface is logged and displayed by the GUI software delivered with the pod. The software also allows the user to send the CP data to other equipment such as video overlay.

- 12bit A/D conversion of 0 to -2V range with accuracy < 1mV
- High precision instrumentation amplifiers with high input impedance
- Isolated RS232 serial communication
- 24Vdc power supply



SPECIFICATIONS

Material	Hard anodised Aluminium or SS316
Overall Diameter	75mm
Overall Length	3.9Kg (SS316) / 1.5Kg (AL)
Weight in Air	3Kg (SS316) / 0.67Kg (AL)
Weight in Water	1.45kg
Depth Rating	3000msw
Operating Ambient Temperature	-20°C to +60°C
Measurement Range	0 to -2500mV
Accuracy better than	1mV
Power Supply	24Vdc 0.2A
Communication	2 Wire RS485 / 3 Wire RS233
Supply Connection	Subcon MCBH5M
CP Probe Connection	SEA CON® RMG-3-BCL connector