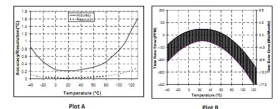




DISCONTINUED: HOBO U12-015-03 Deep Ocean Temperature Logger

Product Images



Short Description

The HOBO U12 Deep Ocean Water Temperature Logger is a single-channel water temperature logger with 12-bit resolution that can record up to 43,000 measurements. With its robust titanium housing, this logger is designed to withstand ocean extremes of depth and temperature.

Description

The HOBO U12 Deep Ocean Water Temperature Data Logger is a single-channel water temperature logger with 12-bit resolution that can record up to 43,000 measurements. With its robust titanium housing, this logger is designed to withstand ocean extremes of depth and temperature.


Highlighted Features

- 11,000m depth rating (36,080 ft)

- Extended temperature range:- -40 to 125C
- Titanium housing for use in saltwater
- Fast readout via direct USB interface
- Compatible with HOBOWare and HOBOWare Pro software for logger setup, graphing and analysis

NOTE: HOBO loggers require a USB cable and [HOBOWare software](#) (free download).

Additional Information

Country of Manufacture	United States
Explanation	Measurement Range: -40° to 125°C (-40° to 257°F)
	Accuracy: ±0.22°C at 25°C (±0.4°F at 77°F), see Plot A in manual
	Resolution: 0.025°C at 25°C (0.045°F at 77°F), see Plot A in manual
	Drift: 0.05°C/year + 0.1°C/1000 hrs above 100°C (0.09°F + 0.2°F/1000 hrs above 212°F)
	Response Time in Water: < 4 minutes, typical to 90%
	Time Accuracy: ±2 minute per month at 25°C (77°F), see Plot B in manual
	Operating Environment: Air, water, steam, 0 to 100% RH
	Operating Temperature: Logging: -40° to 125°C (-40° to 257°F) Launch/Readout: 0° to 50°C (32° to 122°F), per USB specification
	Battery Life: 3 years typical use, factory replaceable
	Memory: 64K bytes (43,000 12-bit measurements)
	Construction: Titanium with O-ring seals and backup rings
	Weight: 105 g (3.7 oz)
	Size: 114 x 20.6 mm diameter (4.5 x 0.81 in. diameter)
	Depth Rating: 11,000 m (36,080 ft)
	Pressure Rating: 1110 bar (16,000 psi)
	Vibration Rating: Navy spec: NAVMAT P-9492
	 The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).
Promotion	This product has been superseded by the MX2204
Brand	Onset HOBO
Channel(s)	1
Onset Product Series	U12
Typical applications	Environmental (Outdoor)
Measurements	Temperature, Water Temperature

Additional Options

Temperature Calibration Certificate	2 Point Temperature Calibration (0°C / 60°C)
	2 Point Temperature Calibration (please specify temperature points)
	1 Point Temperature Calibration (0°C)
HOBOWare Pro Software Options	HOBOWare Pro on USB Drive (USB cable included)
	HOBOWare Pro on CD (USB Cable Included)
	HOBOWare Pro - Download Only (USB cable NOT included)
USB Cable (included with HOBOWare Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable