

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE LEVEL GAUGE

# UHB-1000I-C-E Liquid Level Transmitter

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: The liquid level transmitter can be matched with level indicator, it can measure the medium of tank continuously. It is used to measure liquid level of medium of tanks in the ship or other indus...



## Key Highlights

Category	Marine Level Gauge
Standard	GB
Material	It features high precision, stable, reliable, long lifetime. It adopts high p...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

Category	Marine Level Gauge	Model / SKU	UHB-1000I-C-E-Liquid-Level-Transmitter
Standard	GB	Material	It features high precision, stable, reliable, long lifetime. It adopts high property stainless steel shaft and changing resistance protect tube, features high anti corrosion, small volume, easy to install, it can work with indicate instrument and CRT device.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		



**CONTENTS**

■ Product Description:

■ Working Principle.

■ Main Technical Specification:

**Product Description:**

The liquid level transmitter can be matched with level indicator, it can measure the medium of tank continuously. It is used to measure liquid level of medium of tanks in the ship or other industrial equipments.

UHB type level transmitter is consist of reel pipe type magnetic level rheostat and binary system R/I switching circuit.

It features high precision, stable, reliable, long lifetime. It adopt high property stainless steel shaft and changing resistance protect tube, features high anti corrosion, small volume, easy to install, it can work with indicate instrument and CRT device. It is suitable for use on vessel or other industrial area, measure all kinds of liquid level for liquid medium.

**Working Principle.**

Install several reed switches install on a protect tube from different angle, when float float up and down follow the liquid level in the tank, the magnetic steel inside the float will operate relative reed switch to do switch action, output 0 ~ 1K $\Omega$  or 4~20mA analog liquid level signal, and use cable to transmit the signal to level indicator, indicate the liquid level of tank.

**Main Technical Specification:**

Connection flange	Float		Mounting type	Medium gravity	Output signal	Applicable medium
	Material	Working temperature				
GB2506-2005 PN1.0 DN100	SUS304 SUS316 L	-20~100	Top mounting	$\geq 0.8$	DC24V 4~20mA 0~1K $\Omega$	Water, seawater, fuel oil, diesel oil, lubrication oil

1. Measure accuracy:  $\pm 10$ mm
2. Measure range: 0~500 to 5000mm(optional)
3. Protection: IP66 / IP68
4. Nominal pressure: 1.0Mpa
5. Power voltage: DC24V $\pm 10\%$
6. Ex. mark: Ex ia II CT4-T6 Ex d II CT4-T6