

SENSOR

UBX Type Portable Oil-Water Interface Detector

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: UBX Type Portable Interface Detector can detect the position of oil and water in the same tank conveniently, also can measure the temperature of medium at the same time.The product conform to ...



Key Highlights

Category	Sensor
Standard	DIN
Material	UBX type portable oil and water interface detector is composed of detect...
Weight / Size	EC and CCS Connection size:2" deck valve 1" quick connector Applicable m...
Certificate	CCS,GL,LR,BV,ABS,DNV GL,RINA,NK,KR ETC.

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

Technical Specifications

Category	Sensor	Model / SKU	UBX-Type-Portable-Oil-Water-Interface-Detector
Standard	DIN	Material	UBX type portable oil and water interface detector is composed of detecting sensor, casing, steel tape, display unit etc.
Weight / Size	EC and CCS Connection size:2" deck valve 1" quick connector Applicable medium:	Certificate	CCS,GL,LR,BV,ABS,DNV GL,RINA,NK,KR ETC.
Warranty	12 Months unless specified otherwise	Origin	China

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■ Main Technical Specification:

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Product Description:

UBX Type Portable Interface Detector can detect the position of oil and water in the same tank conveniently, also can measure the temperature of medium at the same time. The product conforms to GB/T4182-2011 and MEPC.5(XIII). The product is applicable for oil and water interface and temperature measurement of ballast tanks, liquid tanks, slop tanks, oil tanks etc. in oil tanker, oil and chemical ship, petroleum, chemical and other industrial places.

Main Technical Specification:

Interface detection accuracy: $\pm 20\text{mm}$

Tape length: 15 meter, 30 meter

Tape system: metric, british

Tape resolution: 1mm

Tape accuracy: $\pm 3\text{mm}$ / 30 m

Minimum detection level: 4mm

Display mode: LED text and sound

Temperature accuracy: $\pm 0.5\%$ F.S.

Temperature resolution: 1°C

Power voltage: DC9V (battery)

Ambient temperature: -25 to 55°C

Probe temperature: -25 to 110°C

Ex.mark: Ex ia II BT4Ga

Protection class: IP44(sensor IPX8)

Certificate approval: EC and CCS

Connection size: 2" deck valve 1" quick connector

Applicable medium: water, oil and chemical.

Feature:

100% repeatability.

Readable continuous temperature.

High accuracy and stability.

Easy changing battery.

No need to recalculate after changing probe.

Light weight, easy to carry.

Long time steady temperature no easy to aging.

Multi-adaptor can be connected with different deck valve.

Tape cleaning device, window wiper and tape protector.

Modular design, easy to maintenance.

Product composition and its measuring principle:

UBX type portable oil and water interface detector is composed of detecting sensor, casing, steel tape, display unit etc.

A special sensor detecting medium of oil ,water and air is put into the liquid tank. The different data will be transmitted to the process module by the communication cable as soon as the sensor located in different medium of air, oil or water.

This different data is processed in the module and then activated the buzzer by different ringing signal, therefore the different medium can be identified. At the same time ,the LCD display screen shows the letter of air,oil and water. The surveyor then reads out and records the reading from the reading port of steel tape as soon as the buzzer sounds. After that further put down the sensor, read out and record the reading when the buzzer sounds again. The difference between two readings is just the height of the medium(oily layer or water layer).

