



## ■ Product Description

The SONDAR2000 is a highly developed ultrasonic level measurement system which provides non-contacting level measurement for a wide variety of applications in liquids. The unit offers not only dual point level but also differential level monitoring. The relays and mA outputs may be used as preset (or programmed as desired) to activate alarms and/or operate remote monitoring equipment and/or process control. The SONDAR2000 also has two independent current outputs and chooses display options among Level1, Level2, Level1-Level2, Level2-Level1 and (Level+Level2),/2 at user's need.

The predominant feature of SONDAR2000 is that the sensor can be paired with different range sensor.

## ■ Features

- Dual channel for Sensor
- Sensor crossover selectable
- Differential measurement
- Cost-effective measuring solution

## ■ Technical Specifications

Dimension	Overall	240(D)×185(H) mm
	Sensor	XDS-800 : 67(D)×160(H) mm
		XDS-1200 : 84(D)×150(H) mm
		XDS-1500 : 115(D)×173(H) mm
Process Connection	1" NPT or PF	
Weight	Nominal 4.0kg - 5.0kg	
Sensor Material	Polypropylene	

IR Rating	Controller: IP65, Sensor: IP68	
Temperature	Controller: -20 to +60 °C, Sensor: -20 to +70°C	
Pressure	Up to 2 Bar	

Measuring Range	0.35 ~ 8m / 0.5~ 12 m/0.5~ 15 m	
Accuracy	Less than 0.20% at the full range or 2mm	
Display Resolution	1mm	
Beam Angle	8° at -3dB	
Damping Rate	Adjustable 0.1m/min to 100m/min	
Temperature Compensation	Built-in temperature sensor	

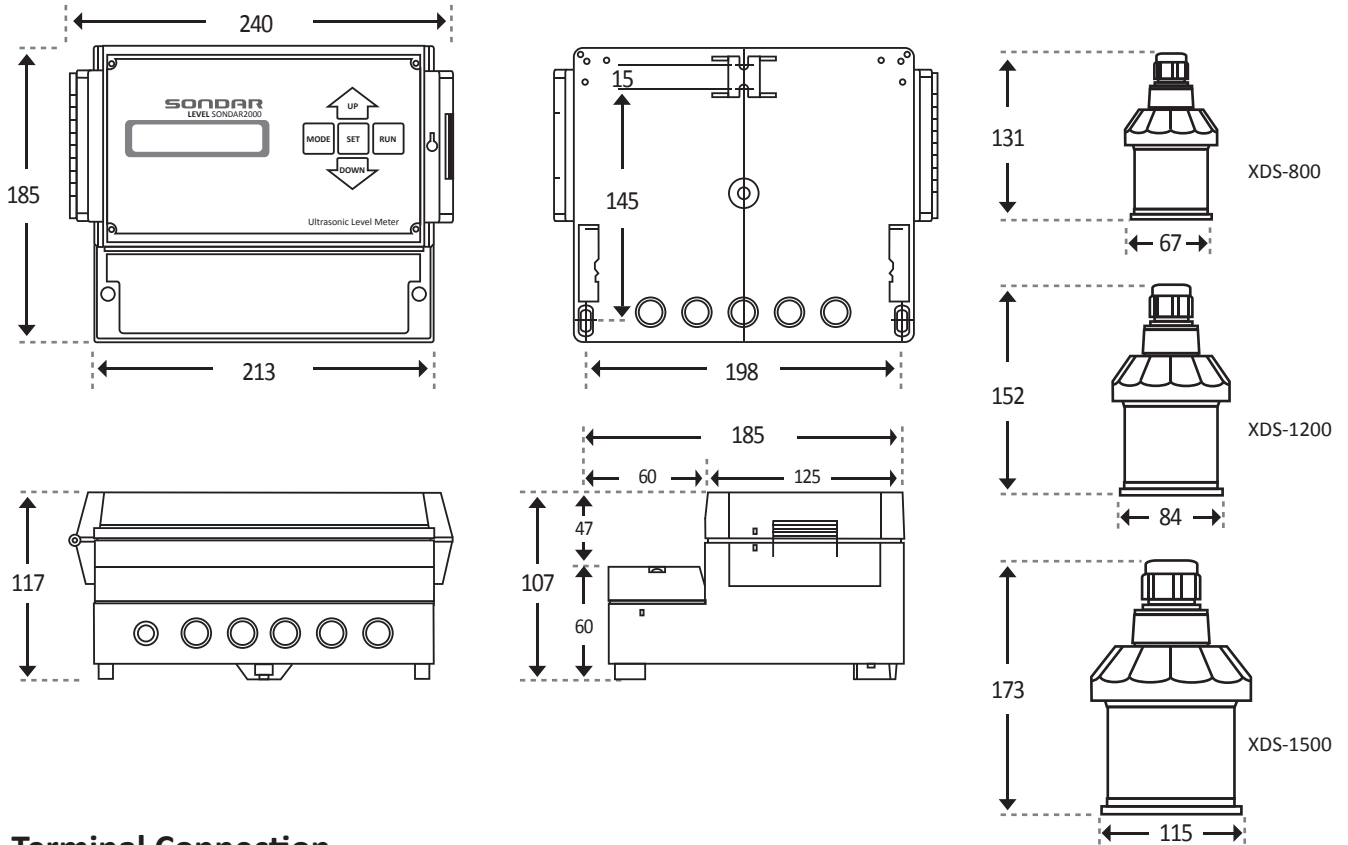
Analog Output	4~20mA into max 750Ω	
Communication	RS232, RS485 (Option)	
Display	2 Line 40 Characters LCD	
Power Supply	AC 90-260V / DC20~30V	

Certification	CE
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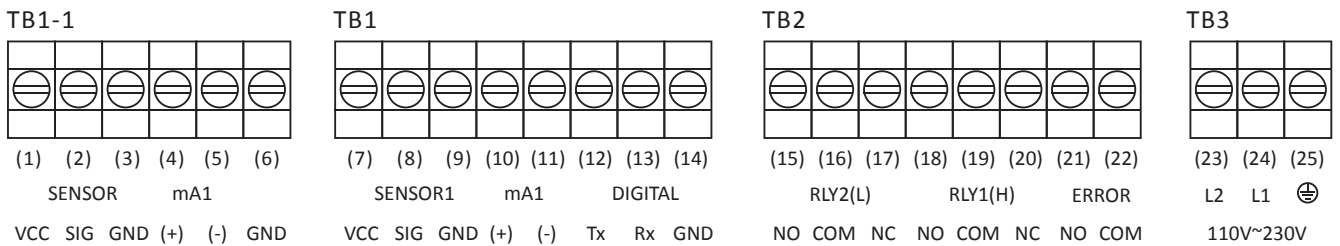
# ULTRASONIC LEVEL METER SONDAR2000

**SONDAR**

## Dimension (unit: mm)



## Terminal Connection



## Ordering Code

