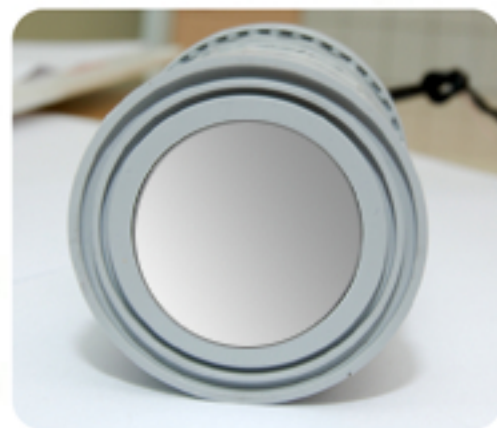


Sondar Ultrasonic Level Meter SLM1000 Series

SONDAR



The SONDAR SLM800S, 1200S and 1500S are a highly developed ultrasonic level measurement system, which provides in non contacting level measurement for a wide variety of applications in liquid and solid. The SLM1000 Series consists of a micro-processor based controller and sensors that can be mounted up to 8m, 12m and 15m respectively according to field requirement.



Features

- Single point, long-range measurement
- RS232, RS485 (Option)
- Explosion-proof sensor
- Level to volume conversion and monitoring
- Beam focusing sensor (Condensation prevention)

Technical Specifications

Physical

Dimension

Overall 240(D)x185(H) mm
 Transducer 67(D)x160(H) mm(XDS800)
 88(D)x100(H) mm(XDS1200)
 101(D)x120(H) mm(XDS1500)

Mounting

1" PF

Weight

Nominal 3.5Kg

Sensor Material

PP

Environmental

IP Rating

IP68(Sensor)
 IP65(Controller)

Temperature

-20°C~70°C(Sensor)
 -20°C~60°C(Controller)

Pressure

Up to 2 Bar

Certification

CE

Performance

Accuracy

0.25% of measured range

Resolution

1mm

Measuring range

0.3m~8m(XDS800)
 0.5m~12m, 15m(XDS1200/XDS1500)

Beam Angle

4° at -3dB

Damping Rate

Adjustable 0.1m/min to 100m/min

Temperature Compensation

fully compensated

Outputs

Analog Output

4~20mA into max 750 Ω

Communication

RS232, RS485 (Option)

Supply

Power Supply

AC90~260V, DC 24V(option)

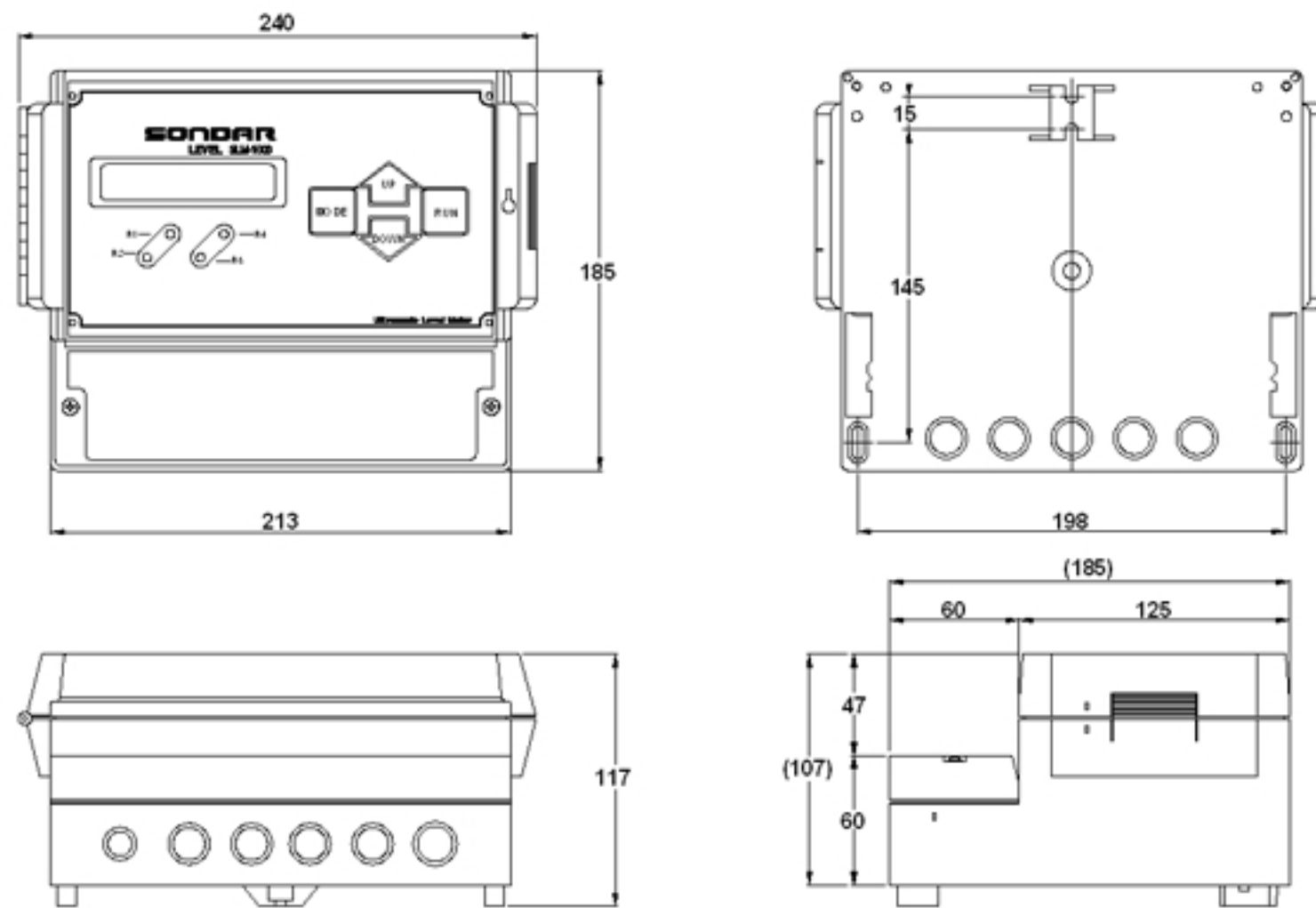
Choice of Unit

SLM1000	XDS800	SLM800S
(Controller) +	XDS1200	= SLM1200S
	XDS1500	SLM1500S

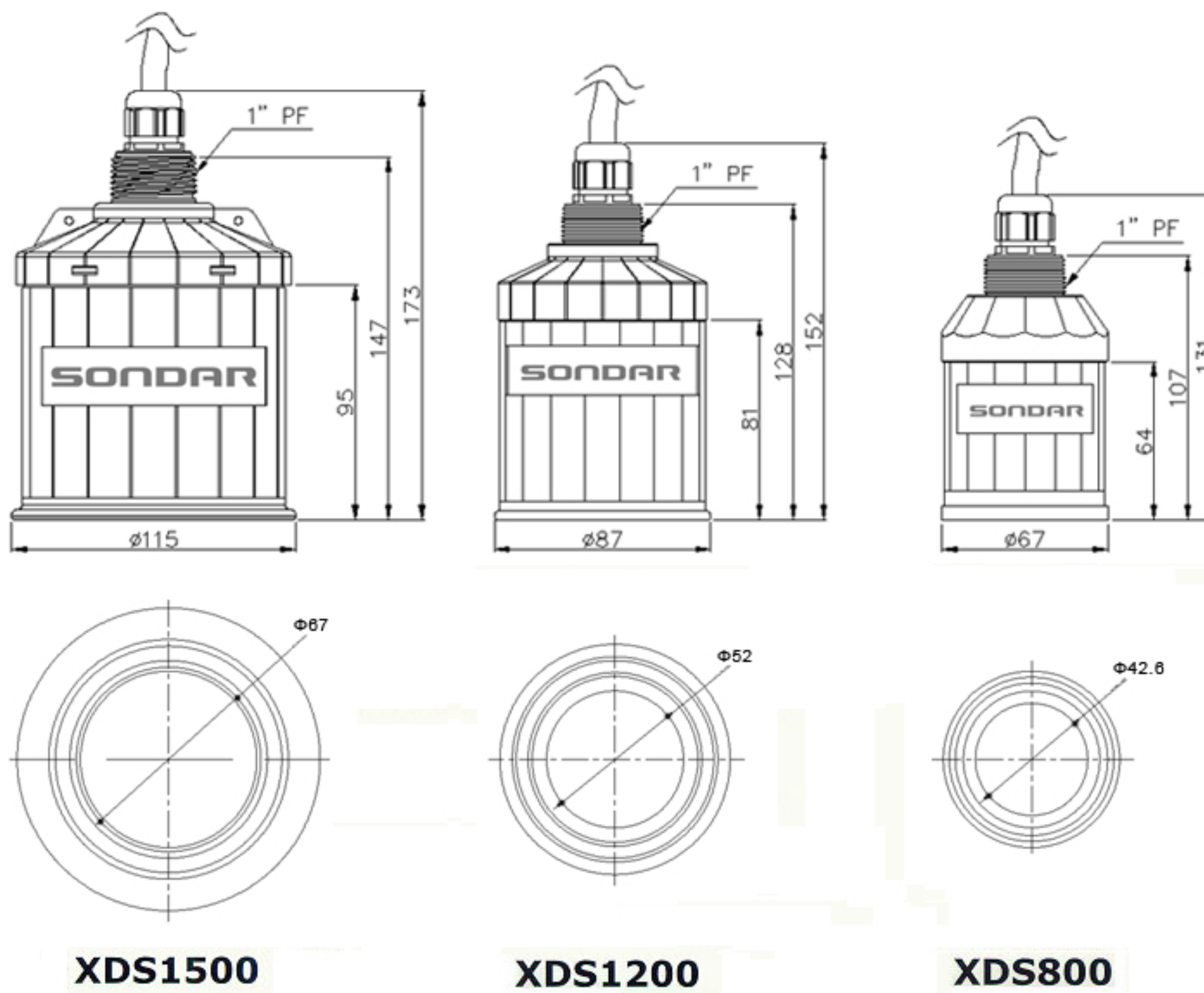
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Dimensions



Controller



XDS1500

XDS1200

XDS800

Sensor

Technical Connection

