

The Sondar SLM 800C is an advanced ultrasonic level measurement system, which provides non-contact level measurement for a wide variety of applications. The Sondar SLM 800C is designed for mounting above the material whose level is being measured. It offers the integral nose thread that allows for screw-fit or flange-fit to tanks or mounting-brackets. 4-digit LCD display enables easy monitoring.



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Features

- Easy installation and simple calibration
- High accuracy and resolution
- 2-wire loop-powered
- Aluminum die-casting body
- Explosion-proof structure
- Display in distance, level or space can be chosen by the user

Technical Specifications

Physical

Dimension	Overall	120(W)x260(H)x160(D) mm
	Sensor r	67(D) x 136(H) mm
	Mounting	2 1/2" NPT
Weight		3 kg
Sensor Material		Polycarbonate
Case Material		Aluminum
Cable Entry		PG 13.5 , 1/2"

Environmental

IP Rating	IP68
Temperature	-20~85°C
Pressure	Up to 2 Bar

Certification

CE	
Explosion-proof	EEx dm II B T6

Performance

Accuracy	0.25 %
Resolution	1 mm
Measuring range	0.35~8.0 m
Beam Angle	± 5 ° (-3 dB)
Damping Rate	0.1~10 m/min(100/min)
Temp. Compensation	fully compensated

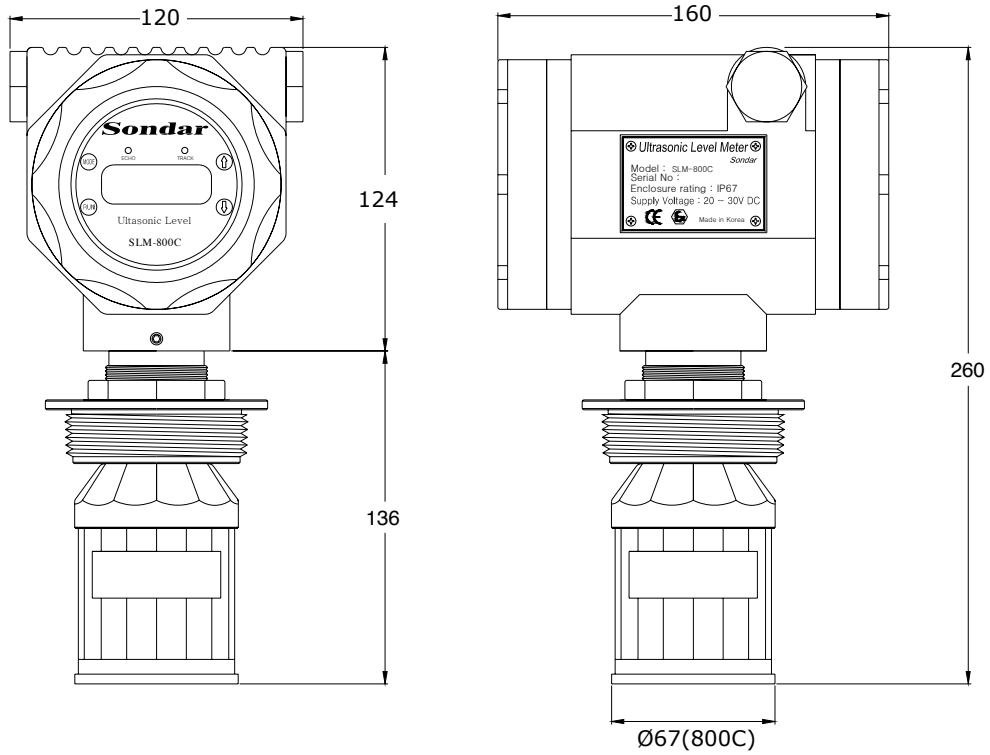
Outputs

Analog Output	4~20 mA (max 500Ω)
Display	4 Digit Numeric LCD

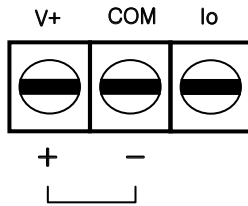
Supply

Power Supply	DC 20 ~ 30 V, 0.021 A
Power Consumption	0.7 W

Dimensions



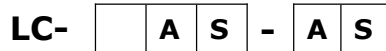
Terminal Connections



DC 24V, 4~20mA (+,-)

Terminal	Function	Note
V+	Direct Current Input	DC 20 ~ 30V
Io	Analog Output	4mA ~ 20mA
COM	Ground	for repair

Ordering Code



Measuring Range

3m	3			\$ 725
8m	8			800

Wire Type

2 wire		A		N/C
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Power Supply

Standard (24V DC)		S		N/C
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Housing Material

Aluminum			A	N/C
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Sensor Material

PP			S	N/C
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- Ex) **LC-8AS-AS (8m Range, 2 Wire, Aluminum Housing, Standard Sensor)**
LC-3AS-AS (3m Range, 2 Wire, Aluminum Housing, Standard Sensor)



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