

# Non-Contact Ultrasonic Level Sensors for Sanitary Applications | UL-SAN



The UL-SAN ultrasonic level sensor is the ideal solution for hygienic liquid, slurry or solid level applications.

## Features

- SS316L transducer face with 1.5" or 2" tri-clamp mounting
- Surface finish exposed to process exceeds a No.4 / dairy finish
- Withstands clean-in-place (CIP) processes with high temp. / pressure upgrade
- Maintenance-free, non-contact continuous level measurements
- Self-cleaning design, no build-up or condensation on transducer face
- Plug-and-play installation with simple calibration
- Built-in temperature compensation
- 2-wire loop-powered, 3-wire or 4-wire operation with 4-20 mA / 20-4 mA output standard
- Optional HART, RS232 or RS485 communications with free calibration, diagnostics and data logging software. PLC compatible (Modbus RTU)
- PVC, aluminum and SS316L housing options to withstand any environment
- Ingress protection IP68 rating (NEMA 6)



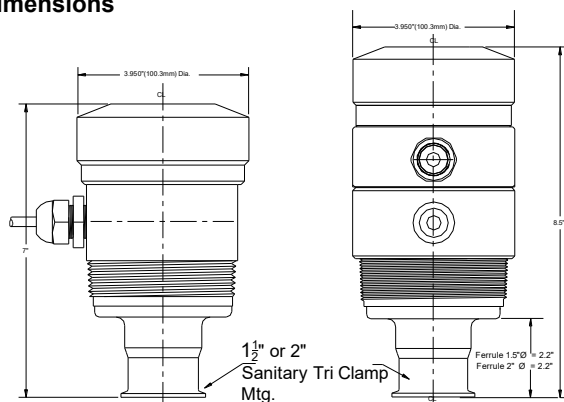
## Applications

Level measurement for: Food, Beverage, Pharmaceutical, Water and more.

Technical Data	
Measuring Range:	0.4 to 30 ft (0.12 to 9.1 m)
Temperature:	-40 to 60°C (-40 to 140°F) or -40 to 130°C (-40 to 266°F) with HTP
Pressure Rating:	≤ 2 Bar (29 psi) or ≤ 5 Bar (72.5 psi) with HTP
Mounting:	1.5" or 2" tri-clamp

Catalogue Number Ordering		
Supply Voltage:	12-30 VDC Loop-Powered (2-wire) 12-30 VDC Power (3-wire) 120 VAC Power (4-wire) 230 VAC Power (4-wire)	200 300 400 430
Maximum Range:	9 ft (2.7 m) - 148 kHz 16 ft (4.9 m) - 81 kHz 20 ft (6.1 m) - 80 kHz 30 ft (9.1 m) - 70 kHz	148 081 080 070
Product Series:	Ultrasonic Sensor	UL
Communication:	HART RS232 RS485	CH C2 C4
Enclosure:	PVC Aluminum SS316L	PV AL SS
Transducer:	SS316L 1.5" Tri-Clamp SS316L 2" Tri-Clamp	S15 S20
Optional:	High Temperature and Pressure	HTP

## Dimensions



Model:	ABM	-	-	UL	-	-	-	-	-
--------	-----	---	---	----	---	---	---	---	---

Order from: **C A Briggs Company**; 622 Mary Street; Suite 101 - Warminster, PA 18974  
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: [Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)