

Non-Contact Mini Ultrasonic Level Transmitters for Sanitary Applications | UM-SAN



The UM-SAN mini ultrasonic level transmitter is the ideal solution for short range sanitary / hygienic liquid 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 push-button calibration
- Built-in temperature compensation
- 3-wire operation with 4-20 mA / 20-4 mA output standard
- RS485 communications with free calibration, diagnostics and data logging software
- PLC compatible (Modbus RTU)
- Optional relay SPDT 8A / 230 VAC for alarm or pump control
- Ingress protection IP68 rating (NEMA 6)



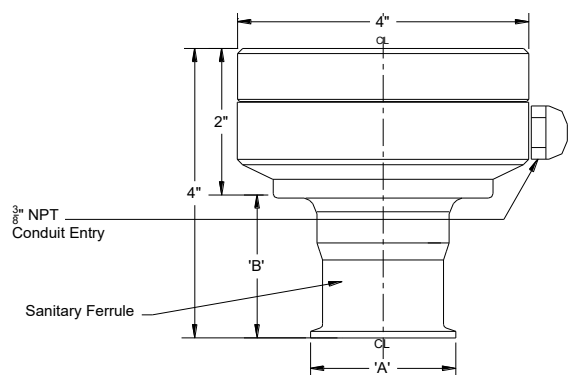
Applications

Liquid level measurement for: Water, Food, Beverage, Pharmaceutical and more.

Technical Data	
Measuring Range:	0.33 to 33 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 Power (3-wire)	300
Maximum Range:	6 ft (1.8 m) - 148 kHz 16 ft (4.9 m) - 81 kHz 20 ft (6.1 m) - 080 kHz 33 ft (10.1 m) - 070 kHz	148 081 080 070
Product Series:	Mini Ultrasonic Transmitter	UM
Communication:	RS485	C4
Enclosure:	PVC	PV
Transducer:	SS316L 1.5" Tri-Clamp SS316L 2" Tri-Clamp	S15 S20
Optional:	High Temperature and Pressure	HTP

Dimensions



Model:	ABM	300	-	- - -	UM	C4	-	PV	- - -	-	- - -
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