

# Non-Invasive Ultrasonic Level Switch for Liquid Applications | US-LIQ



The US-LIQ ultrasonic level switch is the ideal solution for any liquid level application that benefits from non-invasive operation (i.e. high pressure, sanitary, high purity, corrosive).

## Features

- Maintenance-free non-invasive point level measurements, no cleaning
- Easy to install on metal or plastic tank exterior, no drilling
- No down-time or shut-down during installation
- Simple push-button calibration or free communication software
- 3-wire operation
- RS485 communications with free calibration, diagnostics and data logging software
- SPDT relay output 8A / 230 VAC for alarm or pump control
- Ingress protection IP68 rating (NEMA 6)



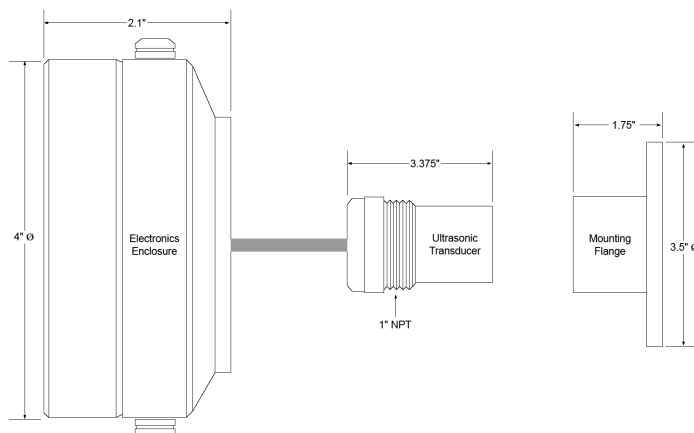
## Applications

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

Technical Data	
Accuracy:	+/- 1 mm
Temperature:	-40 to 60°C (-40 to 140°F)
Tank Material:	Plastic or metal
Tank Wall Thickness:	0.25" (6 mm) maximum
Mounting:	Flange with ratchet strap or magnetic flange

Catalogue Number Ordering		
Supply Voltage:	12-30 VDC Power (3-wire)	300
Frequency:	148 kHz	148
Product Series:	Ultrasonic Switch	US
Communication:	RS485	C4
Enclosure:	PVC	PV
Transducer:	PVC	PVC

## Dimensions



<b>Model:</b>	ABM	300	-	148	US	C4	-	PV	PVC
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# Non-Invasive Ultrasonic Level Switch for High Temperature Applications | US-HT



The US-HT ultrasonic level switch is the ideal solution for any high temperature liquid level application that benefits from non-invasive operation (i.e. high pressure, sanitary, corrosive).

## Features

- Teflon transducer for high temperature processes (up to 130°C / 266°F)
- Maintenance-free non-invasive point level measurements, no cleaning
- Easy to install on metal or plastic tank exterior, no drilling
- No down-time or shut-down during installation
- Simple push-button calibration or free communication software
- 3-wire operation
- RS485 communications with free calibration, diagnostics and data logging software
- SPDT relay output 8A / 230 VAC for alarm or pump control
- Ingress protection IP68 rating (NEMA 6)



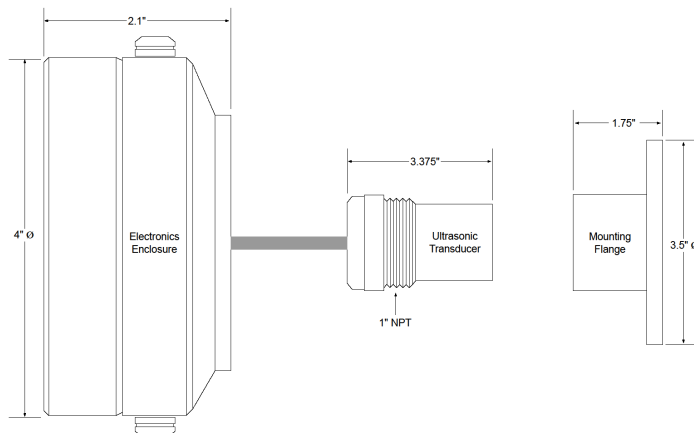
## Applications

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

Technical Data	
Accuracy:	+/- 1 mm
Temperature:	-40 to 130°C (-40 to 266°F)
Tank Material:	Plastic or metal
Tank Wall Thickness:	0.25" (6 mm) maximum
Mounting:	Flange with ratchet strap or magnetic flange

Catalogue Number Ordering		
Supply Voltage:	12-30 VDC Power (3-wire)	300
Frequency:	148 kHz	148
Product Series:	Ultrasonic Switch	US
Communication:	RS485	C4
Enclosure:	PVC	PV
Transducer:	Teflon	TEF

## Dimensions



<b>Model:</b>	ABM	300	-	148	US	C4	-	PV	TEF
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# Non-Invasive Ultrasonic Level Switch for High Pressure Applications | US-HPR



The US-HPR ultrasonic level switch is the ideal solution for very thick tank walls and high pressure liquid level applications that benefit from non-invasive operation.

## Features

- Operation on very thick metal tank walls (>2") and high pressure processes (>10,000 PSI)
- Maintenance-free non-invasive point level measurements, no cleaning
- Easy to install on metal tank exterior, no drilling
- No down-time or shut-down during installation
- Simple push-button calibration or free communication software
- 3-wire operation
- RS485 communications with free calibration, diagnostics and data logging software
- SPDT relay output 8A / 230 VAC for alarm or pump control
- Ingress protection IP68 rating (NEMA 6)



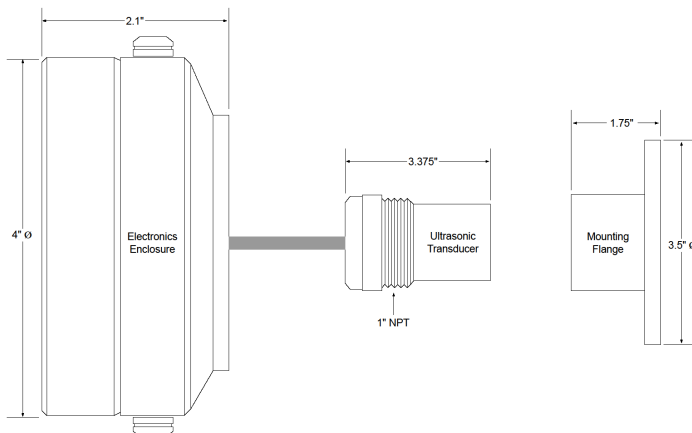
## Applications

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

Technical Data	
Accuracy:	+/- 1 mm
Temperature:	-40 to 130°C (-40 to 266°F)
Tank Material:	Metal
Tank Wall Thickness:	> 2" (50.8 mm)
Mounting:	Flange with ratchet strap or magnetic flange

Catalogue Number Ordering		
Supply Voltage:	12-30 VDC Power (3-wire)	300
Frequency:	148 kHz	148
Product Series:	Ultrasonic Switch	US
Communication:	RS485	C4
Enclosure:	PVC	PV
Transducer:	PVC Teflon (high temperature)	PVC TEF

## Dimensions



<b>Model:</b>	ABM	300	-	148	US	C4	-	PV	TEF
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