

NEW

API Marine New Ultrasonic Cryogen Liquid Level Switch "ASL-500 Cryo"

Liquid Level Switch for Cryo Tank Units

The new Ultrasonic Cryogen Liquid Level Switch "ASL-500 Cryo" has specially been designed to meet the demand for accurate and reliable Liquid Level Switching in Cryo Tank units for transport of different kinds of liquefied gases at temperatures ranging from -250°C to $+300^{\circ}\text{C}$. It can also be used for High and Overfill alarm on board LNG Carriers.

API ASL-500 Cryo consists of three parts:

1. Housing with electronics and ultrasonic transducer
2. Flexible waveguide
3. Sensor "sensitive" to the liquid

(Part 2 & 3 lengths on request)

The design allows two welding points: Part 3 of ASL-500 Cryo to be welded to the inner tank/container, and part 1 to the outer tank/container in order to maintain vacuum between the tanks.

The flexible part 2 of ASL-500 Cryo can be easily fixed by clamps in the space between the two tanks.

Cryo Tank

