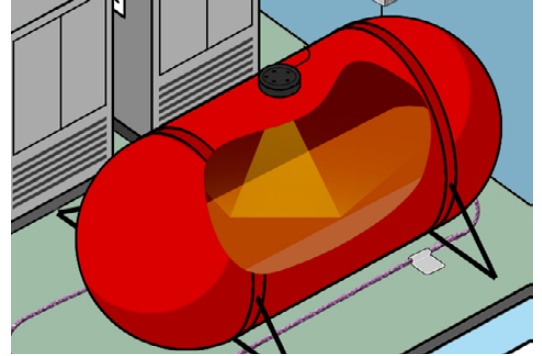
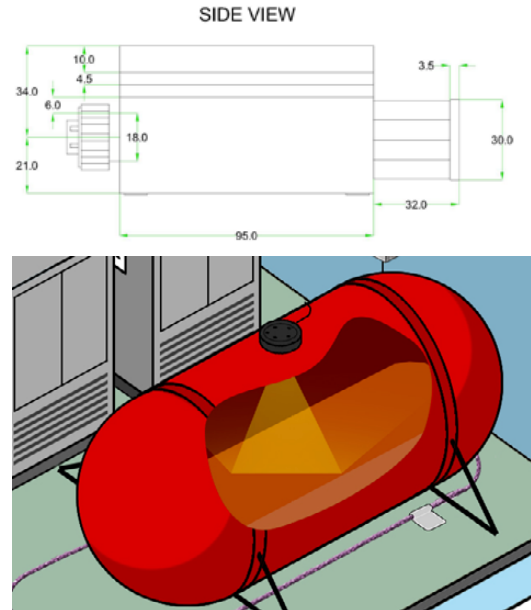
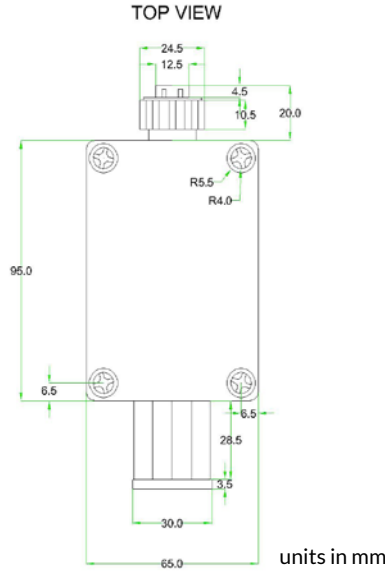




IP68 Ultrasonic Fuel Level Sensor (PWR-FUEL)



Industrial-grade stand-alone solution for monitoring fuel levels in tanks, featuring a compact plug-and-play sensor and IP68 rates for outdoor use. ISO 8846 ignition protection ensures safety. Calibrated in the factory based on your tank specifications, and fire resistance tested to meet ABYC, US Coast Guard, and ISO 10088 standards.

Sensor Metrics:

Measurement method	Acoustic sonic measurement
Tank depth	0-2000 mm (6.5 ft)
Accuracy distance	0-2000 mm (6.5 ft) at 2 mm accuracy
Chemical resistance	Petrol, diesel
Fuel level measurement	Contactless (ultrasonic)

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	1008mW

Environmental Specifications:

Operating temperature range	4°C to 65°C (39F to 148F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Tank type style	Metal and plastic with non linear capacity
Wall thickness	6mm (0.24")
Sensor enclosure	IP 65 rated enclosure
RJ45 cable gland protection rating	IP 67
Mounting option	SAE 5 stud mounting pattern with gasket, seal and screws (top mount only)
Dimensions	65 mm (2.5") x 95 mm (3.74") x 55 mm (2.16")
Weight	2000g (4.41lbs)