



Tank Level Monitoring Tank Senders

- * Easy to install probe sender
- * Electronic sending units for Fuel (petroleum, diesel, kerozine), Water and Holding Tanks.
- * Two years guarantee

Product Details:

Easy to Install Probe Senders.
(No moving part) Fully adjustable to suit the tank level analog monitors. Available for fuel or water tanks in two mounting styles, top mount or side mount.

Sender



General Description:

The Electronic sending units for Fuel, Water and Holding Tanks provides a continuous read out of the liquid level in your tank. The unit (with has no moving parts) consists of a sensor and a amplifier. The amplifier components, which are located in the mounting plate assembly, are encapsulated in an epoxy resin compound to seal out moisture and other contaminants which could affect operation. The mounting plate assembly has the same 5 whole SAE bolt pattern mounting dimensions as the standard float sending units they replace. The meter (receiving unit) can be remotely located close by or in your dash.

Fuel Sensor Probe (Diesel oil or Kerozine):

The probe is constructed of concentric tubing (a small bras of aluminum tube inside a larger aluminum tube) The tubes, which are separated by small insulators to keep the tubes from touching, acts as a capacitor that has one value in air (empty tank) and changes in value as the fuel level rises inside de probe. The amplifier converts these values to a signal suitable to drive a standard meter (33-240 ohms) or an output of 0 to 5 VDC...

Water sensor probe:

The probe consists of a PVC tube with a bare stainless steel (ground wire running along the outside and an insulated (sensor) wire through its center. The PVC tube is to hold the wires in place. The output to the meter changes as the water level rises on the sensor wire.

Standard Features:

A Capacitive sensor is capable of detecting water in the fuel tank. The presence of water, which will ruin a diesel engine, is ready shown by an overfull indication on the meter. If fuel were being pumped into your tank from a supplier who had water in his big tanks, the presence of the water would show up immediately on your gauge by giving a overfull indication even thought the tanks were only 1/4 full. This does not damage the sensor and once the water is pumped out, everything would be normal again. Electronic have been designed to minimize meter error caused by variation of battery voltage. Eliminates excessive needle bounce on the meter while underway. Can be built to fit in tanks from 10 inches to 120 inches deep...

Calibration:

Your unit is tested and adjusted at the factory prior to shipment. Adjustment screws are mounted on the unit to allow you to adjust the "EMPTY" and " FULL" mark on your meter if it is different than the one used at the factory or (if your unit is not custom built) you cut it down to fit your tank.



Please note the BTM2000 sender has a 0 -5V output and is for use with PLC or other interface module.

Specifications:

- Operating Voltage: 12 volts dc at 25 milliamps (24 volts optional)
- BTM1000 Use with analog instruments 240 Ohms empty 33 Ohms full (standard)
- BTM2000 has a 0 – 5 volts output (for PLC or other application)
- Fuel (petroleum, diesel, kerosene, don't work with gasoline) Water and Holding Tanks.

GUARANTEE:

Marine Service level meters have a one year guarantee against failure of any electronic component in the sending unit. Simply return the defective unit to the factory and we will either repair or replace it free of charge during the warranty period.



How to order:

- Specify: fuel, water or holding tank
- Type of instrument used: VDO, Faria or other (they must be 33-240 ohms) and then order BTM1000 type of sender, if you use 0 – 5 V output order BTM2000 Type.
- Voltage operation: 12 or 24 volts
- Mounting style: normal or 90 degrees
- Depth of the tank: in centimeters.



For quote send e-mail to: sales@marine.com.br

Call: 55 13 3358-2933

Price: US\$ 195.00 for all the types from 20 to 99 cm.

CALL FOR QUOTE!