

TAKE THE WORRY OUT OF TANK MONITORING WITH EZ-PROFILE

In addition to all the fun you have when boating, there is definitely a list of things to take care of when you're out on the water—especially when you're the captain. Wouldn't it be nice to be able to check one of those things off when you get on the boat and not have to think about it again until the day, or your trip is done?

Check off tank monitoring when you board with the Profile Tank Monitoring System from New Providence Marine Systems. These monitors have an exclusive software algorithm developed specifically for the Profile series of monitoring panels. This improves the accuracy of the displayed data by correcting for sensor type and oddly-shaped tanks, which just might what you have installed in your boat. No more guessing whether the fresh tank is empty and the waste tank full. This system regularly scans and alerts you with a red warning light and alarm chime in either of these scenarios exists.

The Profile Series 8-Tank Monitoring and Display Panel system has the means to monitor up to 8 tanks. Tank levels are displayed on a 4x20-inch backlit LCD text display. It is compatible with non-contact capacitive level sensors, 33-240 Ohm float-style sensors, as well as zero- to five-volt output sensors allowing maximum flexibility when specifying sensors. It will also monitor and display data from a standard 0-90 Ohm LPG sending unit. The tank levels are also displayed as a 10-position bar graph, with LPG levels shown as a percent and battery voltage between 10 and 15 volts in 0.25-volt increments. For installation ease, each connection on the terminal blocks is clearly labeled with a silk-screened legend to alleviate mis-wiring.

The Profile Series Solo Monitoring and Display Panel is another option should you just need one tank monitored. It's ideal for installing in the head because of its simplicity of use. Tank positions are shown as a five-posi-

tion LED graph, which is easy to see in low light conditions. It is also compatible with non-contact capacitive level sensors, 33-240 Ohm float-style sensors, as well as zero- to five-volt output sensors. Because of this, retrofitting is not a problem. Like the 8-tank display panel, the Profile Solo display panels can autonomously monitor the attached tank and light a warning light



when the tank is either too high (as in a waste tank) or too low (fresh tank). The Profile Solo panel also runs the EZ-Profile software algorithm correcting for odd tank geometry and sensor type for maximum accuracy.

A newer addition to the New Providence family, that has the same capabilities as the Profile series, is the Profile Legacy Panel. This comes in two different sizes including the six-inch wide by three point eight-inch high panel and also the seven-inch wide by three point eight-inch high panel.

If you have plastic (HDPE or LDPE) or fiberglass-walled fluid tanks, you may want to consider the External non-Contact Fluid Level Sensor. It isn't suited for metal tanks. In fact, wood-cored fiberglass walled tanks may give erratic reading results due to the extra thickness of the tank wall and chance of varying humidity levels within wood

core. For this type and metal tanks, you may want to consider installing New Providence's internal rod-style sensors, which install through a one-inch NPT threaded hole in the top of the tank.

The engineering and sales staff at New Providence is dedicated to bringing its experience in the marine industry to manufacture a product that gives you more accurate readings and also

takes the work out of tank monitoring. It has also made installation of either of these systems easy for the boat owner, and programming can be done by following the step-by-step menus. If you need any technical assistance, the skilled engineers and support team at New Providence have devised these systems so that troubleshooting is as easy as installation. Because each product is manufactured and tested in house, its team knows the product inside and out. More information on these products can be obtained by calling Dennis Ferriello of Ferriello Sales, LLC; at 435-656-0042. You can also log on to www.ferriello.com or email dennis@ferriello.com.

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