

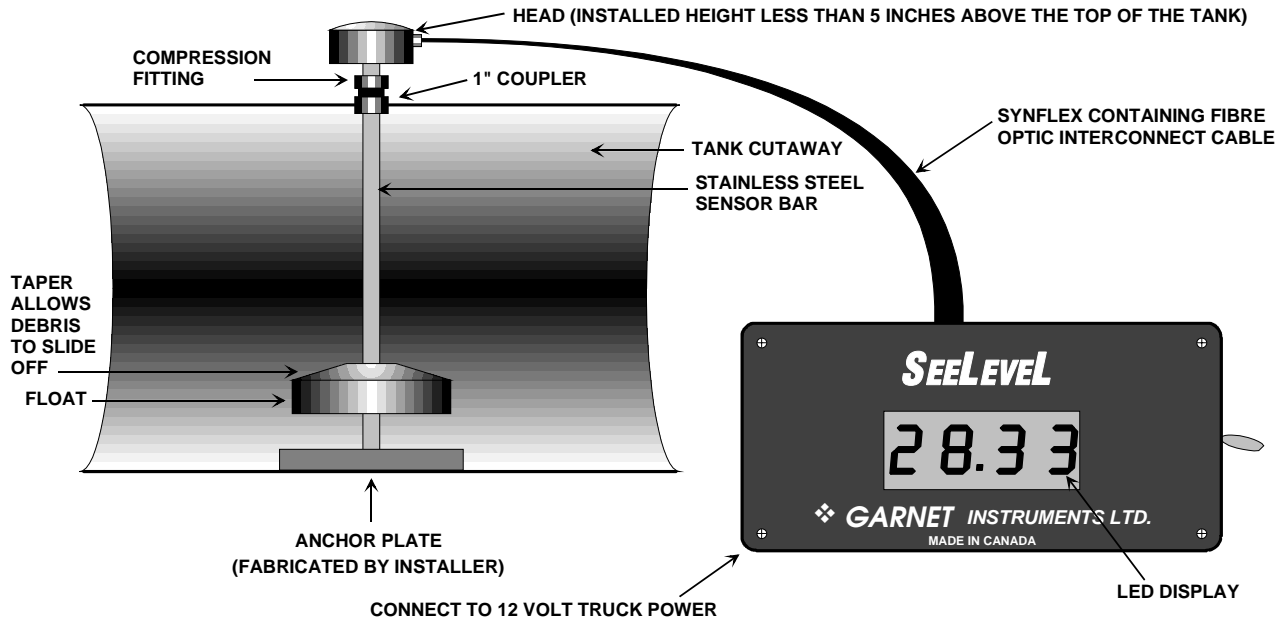
The **SEELEVEL SPECIAL™** Gauge For Trucks In Cab Display Model



FEATURES:

- Provides an accurate digital readout of the amount of product in a truck tank
- The Model 808PSi provides a compact, easy to read LED display ideal for mounting in the close confines of today's truck cabs
- The display can be calibrated with the 816 or 916 programmer to read in inches of level, or in volume units such as barrels, gallons, litres, or cubic metres
- No moving parts except for the molded plastic float ensures high reliability, Stainless Steel float option available
- SeeLevel sender bar uses micro power circuitry running on internal batteries
- Display operates on 12 volt truck power
- Fibre optic connection between tank and display for complete electrical safety
- All digital design eliminates reading drift or degradation, ensuring long term accuracy under all operating conditions
- Operation from -40 to +60°C (-40 to +140°F) ambient, up to +85°C (+185°F) product
- Accuracy of +/- 0.25 inches (+/- 0.7 cm)
- Easy installation and servicing, one year limited warranty

MODEL 808PSi **SEELVEL SPECIAL™** TRUCK GAUGE DESCRIPTION



- The gauge operates using a magnetic reed switch sensor bar detecting the float magnetic field. The system provides a nominal accuracy of $\pm 1/12$ inch, but with variations in reed switch sensitivities the actual accuracy is $\pm 1/8$ inch.
- When the float is rising, the gauge will read about $1/16$ inch lower than when the float is falling. This happens because the reed switches are less sensitive to engagement than they are to disengagement. The practical result of this is that the gauge reading is very stable and does not flicker with small ripples on the surface of the product.
- A 316 stainless steel tube houses the sensor bar, and the fitting holding the tube in place can be either steel or stainless steel. The tube and polyethylene float are resistant to oils, fuels, acids, sewage, and most chemicals. The sensor bar is fully sealed to prevent moisture or product from damaging the bar. The bar can be ordered to fit any size tank up to 85 inches in height, and can be easily removed for servicing, or to install into another trailer.
- The sender bar is powered by a lithium battery with a lifetime of approximately 10 years.
- Plastic fibre optic cable transports the information from the sensor bar to the display to provide complete electrical isolation for the components inside the tank. The fibre optic light level is ten times higher than required, so the fibre can be cut with a knife for easy installation; no polishing or special preparation is required.
- The 808PSi display is powered by a 12 volt truck power. The LED display is large enough to allow viewing from up to 10 feet away. The display is built into a small plastic enclosure for easy mounting in the close confines of today's truck cabs.
- The gauge calibration is programmed during installation with either the 816 or 916 programmer. The calibration can be done in inches of level, or in any volume unit desired, as long as a calibration table (volume vs. depth) is available for the tank. The display has four digits, allowing better than $1/2\%$ accuracy on the readout.
- The 808 series is one of our most popular models with over 2,000 systems installed to date.

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