Fluid-Trac® Focus Tube Adaptor

Product Overview

The Fluid-Trac® Focus Tube Adaptor (FTA) is designed to be mated to the SSI's Fluid-Trac® unit with 5 bolt mounting specification. FTA will fit on tanks with SAE J1810 bolt pattern.

Product Features

Serviceability: If mounted to tank at time of initial installation, sensor can be removed with little overhead clearance while leaving tube in place.

- **Angle Performance:** Increases angle performance of sensor from ± 6° without tube to ± 15° with tube.

- **Configurable Tube Length:** Available in 1" length increments up to 32" for a variety of applications. Longer tube lengths can be manufactured with SSI product engineering approval.

- **Robust Design:** No adhesives used to connect tube, allowing for wider range of media compatibility.

- **Optional Float:** Used for applications with extremely high vibration levels or mounting angle exceeding 15°. Use of float to be approved by SSI product engineering.

- **Chemical compatibility:** FTA works with a wide variety of media including gasoline, diesel, urea (AdBlue), oils, hydraulic fluid, & water

Note: FTA used in urea (AdBlue) or other liquids with solute must have special configuration to prevent blockage of breather channel.

Mounting

The FTA is mounted to the tank surface with gasket between flange and tank. Fluid-Trac® sensor and gasket is mounted on top of FTA. 5X bolt passes through the sensor and FTA flange, clamping the assembly together for a leak-free interface.

Tested Conditions

Mechanical Shock	50 G Shock
Thermal Shock	-40 to 85 °C, 100X cycle
Drop Test	4 Ft. Drop Test
Vibration	5 Grms 8 Hours each axis
Humidity	85% humidity at 60 °C for 250 hours
Chemical Compatibility	Gasoline, Diesel Fuel, Motor Oil, urea (AdBlue), Water, Hydraulic Fluid, Engine Coolant

Other Specifications

SAE 5 Bolt Torque	10-15 in/lbs

Contact

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Warranty

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