

WARNING: DO NOT EXPOSE WORK AREA TO ANY SPARKS OR FIRE. DO NOT SMOKE WHILE OPERATING ON THE FUEL SYSTEM. CLEAN UP ALL FUEL SPILLS IMMEDIATELY. WORK IN A WELL VENTILATED AREA.

SPECIFICATIONS

Probe/Hardware Material: Stainless Steel

SAE 5-Bolt Gasket: FKM Viton

Operating Temperature: -40C to +185F

Fluid Compatibility: Gasoline, Diesel, Methanol, Ethanol, E85

Resistance Range: 0Ω (empty) to 90Ω (full), see table

Internal Tank Pressure: 6psi (max)

RESISTANCE CURVE RESOLUTION

OHMS (Ω)	LEVEL (%)
91 (±2)	100 (FULL)
78	88
67	75
56	63
45	50
34	38
23	25
12	13
1 (±1)	0 (EMPTY)

INSTALLATION

- Slide the included gasket over the probe to the underside of the mounting flange.
- Line up the gasket with the mounting flange holes (the SAE hole pattern is not evenly spaced).
- Insert the provided screws into the mounting flange through the rubber gasket.
- Place the sender into position on the fuel cell.
- Line up the mounting bolts with the threaded holes.
- Torque the mounting bolts to 15 to 20 in-lb in an alternating crisscross pattern.
- Assemble the mating Deutsch connector to complete the electrical (wires not included).



NOTES

- Because the sensor simply measures resistance, the 2 wires do not have polarity.
- If the resistance does not change with fuel level, be sure the float is not getting stuck on any component inside the fuel cell.