

**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

Operating Temperature: -90C to +105C  
 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 sender mounting flange. Line up the holes in the gasket with the holes in the sender mounting flange (the SAE hole pattern is not evenly spaced).
- Use the included mounting screws with the plastic sealing washers installed under the heads. NOTE: the sealing washers are NOT required for Radium 20-049X-XX FCST. Insert the screws into the mounting flange and through the rubber gasket.
- Place the sender into position on the fuel cell and line up the mounting bolts with the threaded holes. If installing into a Radium Fuel Cell Surge Tank, orient according to the picture shown below.
- Torque the mounting bolts to 15-20 in-lb in an alternating crisscross pattern.
- Assemble the mating Deutsch connector to complete the electrical (wires not included).

Black wire - ground  
 Red wire - level signal

