

Fuel Senders

These Fuel Senders are designed to be used in conjunction with our EG Series Switchgauge Instruments as well as CAN I/O modules. See the bulletin 95090 EG Series – Electric Gage and Switchgauge Instrument for more information.

Specifications

Tank Cutout Hole: \varnothing 1.750 in. (44 mm)

Materials:

- Float:** Foamed Buna N
- Float Arm:** Stainless Steel
- Resistor Housing:** Glass Filled Polyacetal
- Flange & Shaft:** Steel, Zinc-Plated
- Gaskets:** Buna N, 70 Durometer (48% Acrylonitrile)
- Hardware:** Brass & Phosphor Bronze
- Mounting Hardware:** Zinc-Plated Steel

Resistance Range:

- ESF and ES2F Model:** 240 Ohms to 33 Ohms
- ESDF Model:** 120 ohms to 17 ohms
- Operating Temperature:** -40° to 185°F (-40° to 85°C)
- Storage Temperature:** -76° to 185°F (-60° to 85°C)

Resistance Values

ESF, ES2F Senders:

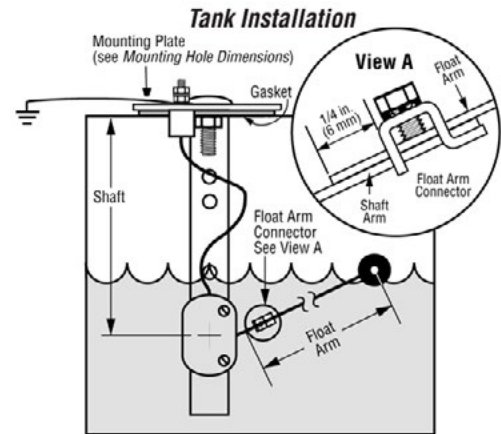
- E = 240 ohms (falling level) (primary calibration point)
- 1/4 = 153 ohms (falling level)
- 1/2 = around 100 ohms (falling level)
- 3/4 = 67 ohms (falling level)
- F = 33 ohms (rising level) (secondary calibration point)

Resistance Table for ES2F Fuel Sender

Resistance tables for ES2F Fuel Sender (resistance verses % of scale) Murphy Fuel Sender (0% - 100%)

% of Scale	0	10	20	30	40	50	60	70	80	90	100
R(Ohm)	244	205	171	143	123	103	88	74	60	47	33

Application Note: We recommend using the Murphy Fuel Level Senders only in Diesel Fuel applications.



Dimensions

Mounting and Cutout Layout

