



## **Deck Filler Gauge** *for Resistive Senders*



- **Displays Tank Level at the Deck Filler and at the existing instruments**
- **Prevents fuel spills during refuelling**
- **Maximise Range from Full Tanks**
- **Available for “FUEL”, “DIESEL”, “GAS” or “WATER”**
- **Fits 50mm/2” or 38mm/1.5” pipes**
- **Blue LED Level Display**
- **Robust Stainless Steel with Laser Etched designator**
- **Easy to Install**
- **Single Wire to Analogue Gauge**

The 2210 Resistive Sender Deck Filler Gauge displays the tank level right at the tank's deck filler.

This enables the user to see the exact tank level at the point of filling. This allows the tanks to be filled to the top without the risk of spills or wastage.

The tank level is displayed on a blue LED display set into the deck filler surround. This provides a clear indication of the level of the liquid in the tank at all times. The LED varies in brightness to compensate for ambient light levels, brighter in sunlight and dimmer at night.

The deck filler cap has a standard octagonal opening key with a heavy duty O ring seal to keep sea water out of the tank. The deck filler and it's cap are produced in mirror polished stainless steel to provide a rugged and attractive finish.

It is constructed to the IEC60945 Maritime Navigational and Radiocommunications Equipment Standard to ensure high reliability and trouble free operation for many years.

It is suitable for 12 or 24 volt systems, is easy to install and attaches to the existing analogue gauge using a single wire. No other wiring is needed.

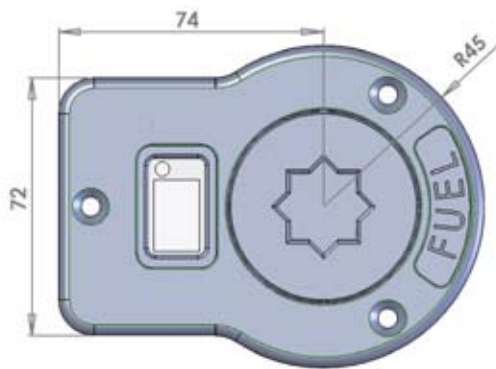


**Registered Design**  
**International Patents Pending**

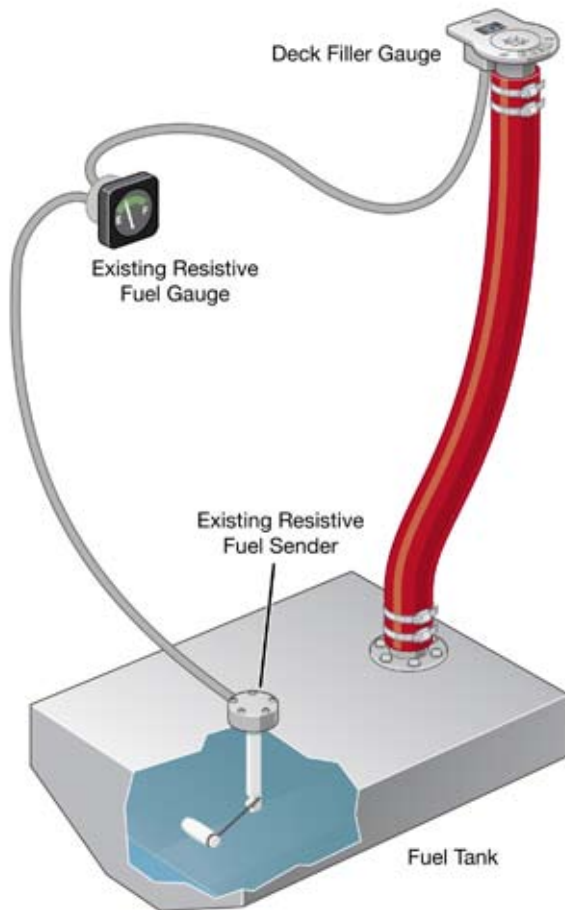
# Resistive Sender Deck Filler Gauge

## Part No: 2210-D (Diesel) -F (Fuel) -G (Gas) -W (Water)

### Dimensions



### Typical Installation



Specification	
Display Accuracy	Displays to 2% (Subject to Sender Accuracy)
Tank Contents	Fuel or Water
Sender Types	0-180, 240-33 and 0-80 Ohms
Calibration	Self Calibrates at install
Certification	
IEC60945	Compliant
CE / FCC	Compliant
Electrical	
Operating Voltage	9 - 30 Volts DC
Connection	8 metre cable tail to Analogue Gauge
Power	Less than 150mA
Load Dump	Fully Protected
Reverse Battery	Fully protected indefinitely
Mechanical	
Pipe Size	50 mm/ 2" or 38mm/1.5" ID
Weight	1050 grams
Environmental	
IEC Classification	Exposed
Protection	IP68
Operating Temp	-20°C to 50°C
Storage Temp	-50°C to 70°C
Relative Humidity	93% RH @ 40°C per IEC60945-8.2
Vibration	2-13.2Hz @ ±1mm, 13.2-100Hz @ 7m/s <sup>2</sup> per IEC 60945-8.7
EMC Emission	Conducted & Radiated per IEC60945-9
EMC Immunity	Conducted, radiated, supply and ESD per IEC60945-10

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