



**ROCHESTER  
GAUGES, INC.**

## *Marine Fuel Level Sender*

9341-7000  
Series

ISO 9001:2008 CERTIFIED

### **Application**

These fuel senders are designed for top mounting in unpressurized aluminum, stainless steel, or plastic fuel tanks in all types of marine vessels. They include special features and protection from corrosion problems (internal and external to the fuel tanks) which make them the quality standard for the industry.

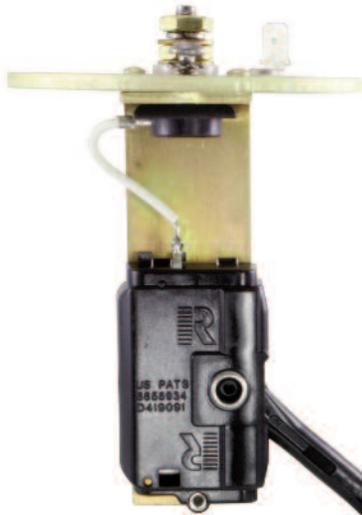
### **General Information & Features**

Standard configuration, with the lead hole at 12:00, has the float arm swinging at 3:00.

The float arm on this sender is 24" [609mm] long measured from the pivot point allowing it to be cut to an appropriate length to gauge any tank depth from 6" [152mm] to 25" [635mm]. The float and the washers are furnished unassembled to the float arm. The cutting and crimping process is to be done prior to the float assembly. See DS-1763.

The fuel sender is equipped with a thick film resistance card with a range of 240 to 300Ω.

The recommended gasket for use under the head is made of nitrile rubber, Buna-N, and must be ordered separately under part number 0015-00716.



Part #	Market	Float Type	Tank Depth
9341-07015	OEM	Flat	6" - 19 1/2"
9341-R7000		Round	6" - 25"
9341-A7000	After Market	Flat	6" - 19 1/2"



**OR**



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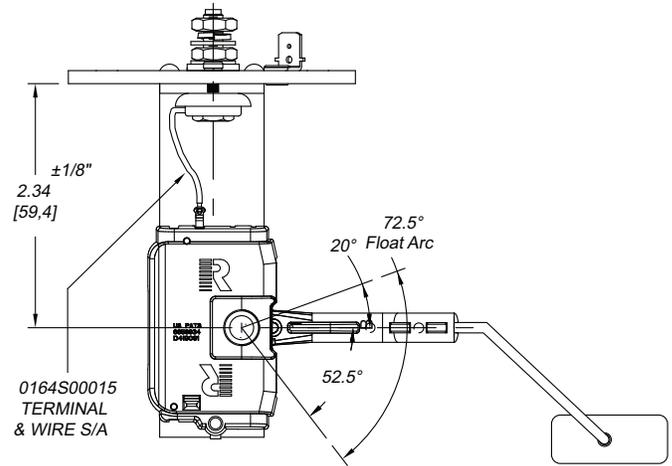
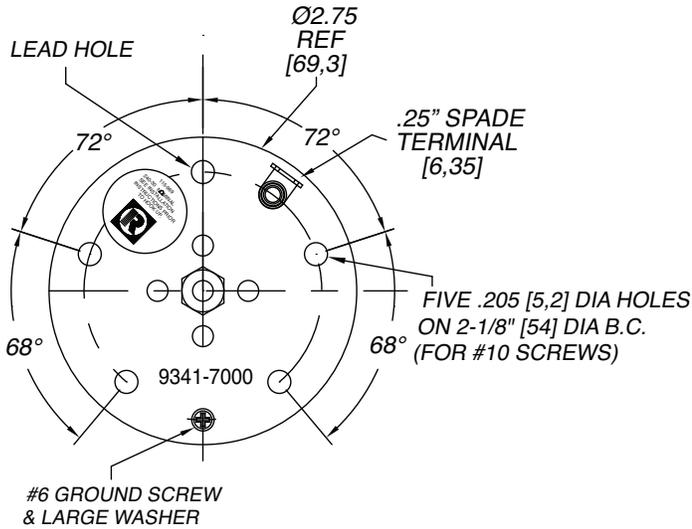
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See reverse side for dimensional data, materials of construction, performance, and advice on how to order.

*The Measure of Excellence*

**9341-7000**

# Marine Fuel Level Sender



## General Specifications\*

### Mounting

Recommended for top mounting only

### Accuracy

System accuracy depends upon proper sender sizing. Resistance tolerances are +0%, -3% at full; +3%, -0% at empty. System accuracy may depend on tank shape. System accuracy may be less near full and empty. System accuracy may be less if tank is not level. System accuracy may be less depending upon indicator. This sender is not to be used for filling.

### Temperature

-40°F to 176°F, -40°C to 80°C diesel or gasoline.

### Vibration

Qualified at 2g, 40 HZ.

### Power

0.5 Watts maximum.

### Leak Test

Passes 16 PSIG [1,1 Bar] test.

Note: For installation instructions see DS-1763 & DS-953.

## Materials of Construction\*

### Head

Tempered aluminum w/gold irridite finish, made to SAE pattern for fuel senders (2 1/8" bolt circle for five #10 screws)

### Support

Tempered aluminum w/gold irridite finish

### Card Holder & Head Insulator

Injection-molded thermoset plastic

### Ground Strap & Signal Strap

Tin-plated brass or copper

### Center Stud, Nuts & Washers

Brass

### Resistance Element

Thick Film

### Contact Spring

Plated beryllium copper

### Contact

Silver

### Float

Nitrile rubber (cylindrical or rectangular/flat)

### Float Rod

Stainless steel

### Ground Screw and Lockwasher

Stainless steel

\* Materials and specifications are subject to change without notice.  
Pressure ratings subject to change due to temperature and other environmental considerations.