



**ROCHESTER
GAUGES, INC.**

Marine Fuel Level Sender

ISO 9001:2008 CERTIFIED

**9341-7000
Series**

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.

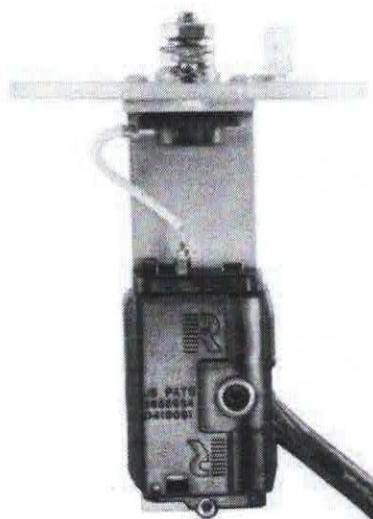
General Information & Features

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 30Ω.

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.

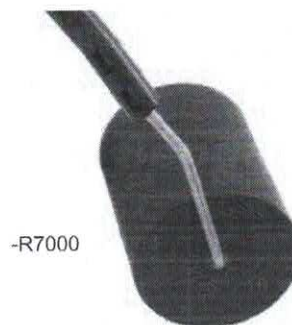


| Part # | Market | Float Type | Tank Depth |
|------------|--------------|------------|--------------|
| 9341-07015 | OEM | Flat | 6" - 19 1/2" |
| 9341-R7000 | | Round | 6" - 25" |
| 9341-A7000 | After Market | Flat | 6" - 19 1/2" |



-07015
-A7000

OR



-R7000

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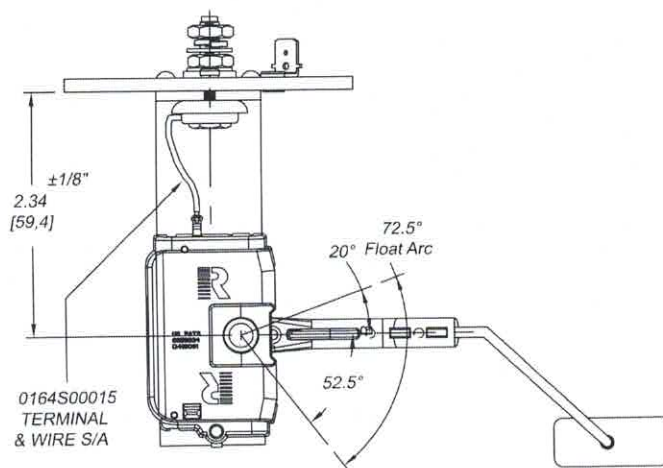
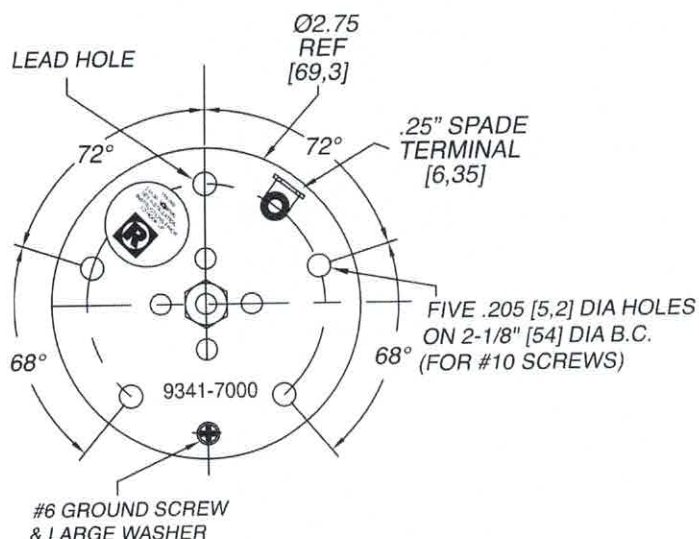
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See reverse side for dimensional data, materials of construction, performance, and advice on how to order.

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.