



**ROCHESTER
GAUGES, INC.**

ISO 9001:2008 CERTIFIED

Adjustable Marine Fuel Sender

8349-07

Adjustable Marine Fuel Sender

Application

This fuel sender was designed for top mounting in unpressurized metal or plastic tanks, 10" [254mm] to 30" [762mm] deep. It includes special features and protection from corrosion problems (internal and external to the tanks) making it the quality standard of the industry.

General Information & Features

The sender has a slotted support arm which allows it to be adjusted for tank depths from 10 to 30 inches. When the required pivot point has been established, any surplus support arm length is simply cut off.

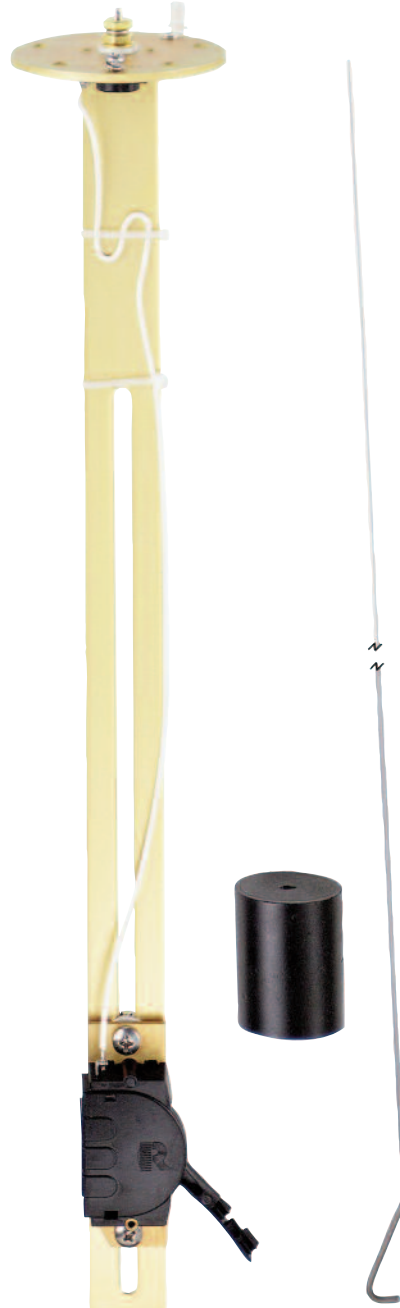
Standard float arm length is 18 ½" [470mm], proper for a 30" deep tank. Refer to *Cut length Chart DS-1247* for proper sizing for shallower tanks.

Float and washers are furnished unassembled to the float arm. The cutting and crimping process is done after float assembly. Standard configuration, with the hole at 12:00, has the float arm swinging at 3:00.

A stainless steel self-tapping screw and a stainless-steel lock-washer are provided to secure ground wire to the sender head.

This marine fuel sender is only equipped with a 240 to 30 ohms resistance coil.

The recommended gasket for use under the head is made of Buna-N and must be ordered separately under part number 15-933



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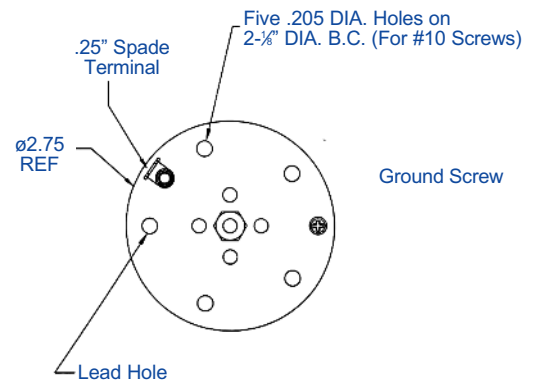
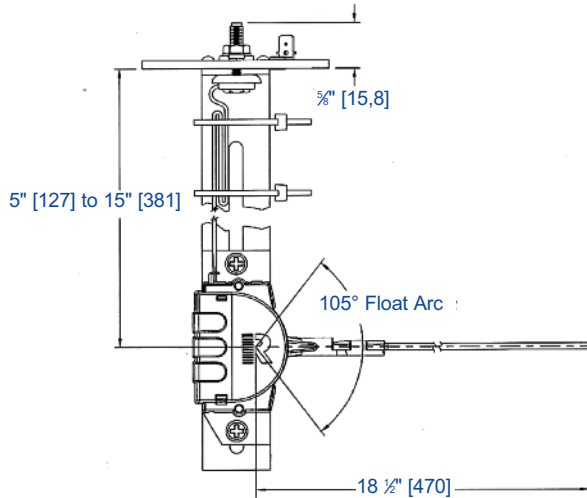
See reverse side for dimensional data, materials of construction, performance, and advice on how to order.

The Measure of Excellence

8349-07

Adjustable Marine Fuel Sender

[METRIC]

Model 8349-07240 240 to 30 OHM

General Specifications*

Mounting

Recommended for top mounting only.

Accuracy

Resistance accuracy at empty +0%, -3%; at full +3%, -0% of full scale. System accuracy depends upon proper fitting of sender to tank, tank shape and indicator calibration.

Temperature Range

-40°F to 158°F, -40 to 70C.

Vibration

Qualified at 2g, 40 Hz, 24,000,000 cycles.

Power**

0.5 Watts maximum.

Leak Test

Passes 16 PSIG [1,1 Bar] test.

Note: For installation instructions see DS-953 (data sheet).

** For more information refer to UL913.

Materials of Construction*

Head

Tempered aluminum, made to SAE pattern for fuel senders (2 1/8" bolt circle for 5 # 10 screws).

Support

Tempered aluminum.

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.

Stainless steel float wire.

Ground Screw & Lockwasher

Stainless steel.

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