



## Adjustable Liquid-Level Gauges

### Application

The 6500 Series Senior gauges are designed for use in low pressure tanks 0-25 psig [0-1,7Bar] containing diesel fuel, gasoline, fuel oil and lubricating oils.

Used in many applications such as construction equipment, stationary generators, boats, farm equipment and home heating.

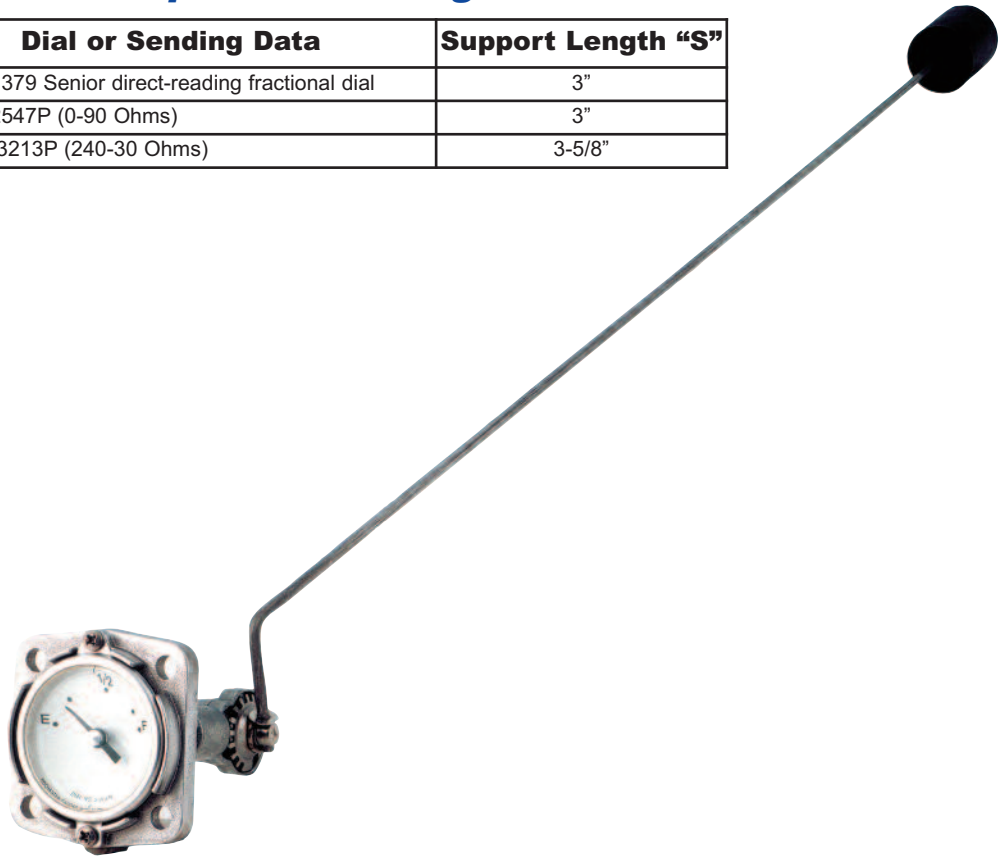
### General Information & Features

The 6500 Series Adjustable Senior gauges are available in gear-action models for top mounting.

The standard float is nitrile rubber. The gauge is mounted to a mating Senior flange 2 1/2" bolt circle [63,5mm] using four 1/4"-28 x 9/16" long bolts. The gasket is Buna-N.

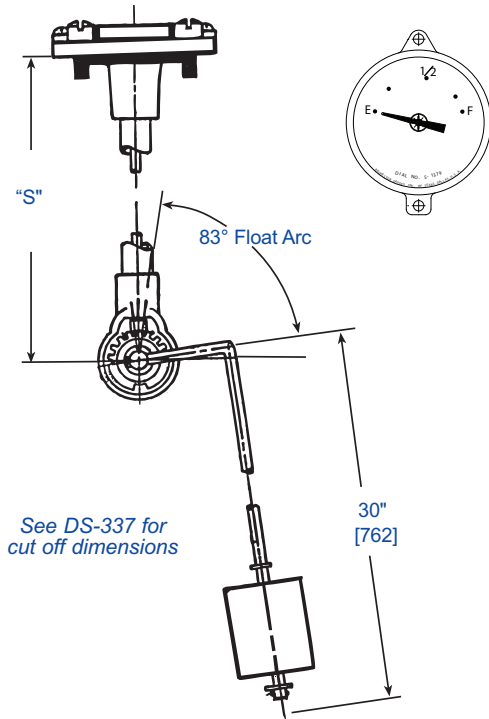
### Top Mounting Adjustable Liquid-Level Gauges

Model #	Mounting	Dial or Sending Data	Support Length "S"
6580-0151	Top	5002S01379 Senior direct-reading fractional dial	3"
6540-00090		5880S02547P (0-90 Ohms)	3"
6540-00252		5AVHS03213P (240-30 Ohms)	3-5/8"



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

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

**Direct reading gauge with 5002S01379 dial****TwinSite® Dial, 0-90 ohms & 240-30 ohms****General Specifications\*****Accuracy**

Accuracy depends upon proper gauge sizing. Senior dials  $\pm 7\%$ , TwinSite® dials  $\pm 12\%$ . Accuracy may be less depending upon tank shape. Accuracy may be less near full and empty. Accuracy may be less if tank is not level. This gauge is not to be used for filling. All accuracy estimates are expressed as a percent of full scale.

**Temperature Range**

-40°F to +158°F, -40°C to 70°C.

**Humidity**

Paint exposed portions of gauge, less dial, for marine applications.

**Shock & Vibration**

Suitable for mobile applications.

**Power**

0.5 watts maximum for TwinSite® versions.

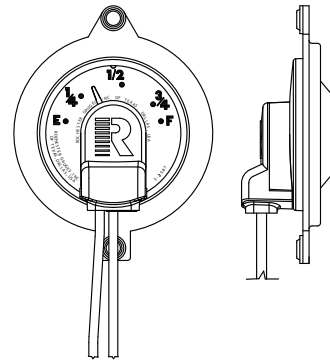
**Tank Pressure**

Up to 25 psig [1,7Bar]

**Approvals**

These direct indicating gauges are UL listed for flammable liquids. Some models UL recognized for marine service.

Note: For installation instructions see MS-501/502 (mounting standard).



Part #	Description	Ohms
5880S02547P	Wire Leads	0-90
5AVHS03213P	Wire Leads	240-30

**Materials of Construction\*****Head**

Die cast aluminum

**Centershaft, Support Tube & Float Rod**

Tempered aluminum

**Gears, Cross Stud & Bearings**

Stainless steel

**Drive Magnet**

Alnico

**Gear Housing**

Acetal plastic or Aluminum

**Float**

Nitrile rubber

**Gasket**

Buna-N, 0015-00004 or 0015-00079

**Direct Reading Dial**

Aluminum with acrylic crystal, hermetically sealed.

**Side Reading Dial**

Aluminum with polycarbonate crystal, hermetically sealed.

**TwinSite® Sender**

Polyamide.

**Mounting Bolts**

Zinc-plated steel 1/4"-28 x 9/16" long.

**When ordering, specify:**

1. Gauge model number.
2. Tank diameter and riser height.
3. Mounting location.
4. Ohm range on TwinSite® versions.
5. Preferred switch on switch gauges, if other than standard.
6. Any listed options or preferences.

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