

S3/S5 Sensor – Measurement of Ohm values.

Test Equipment used:

- Multimeter with Ohm measurement function



Picture 1

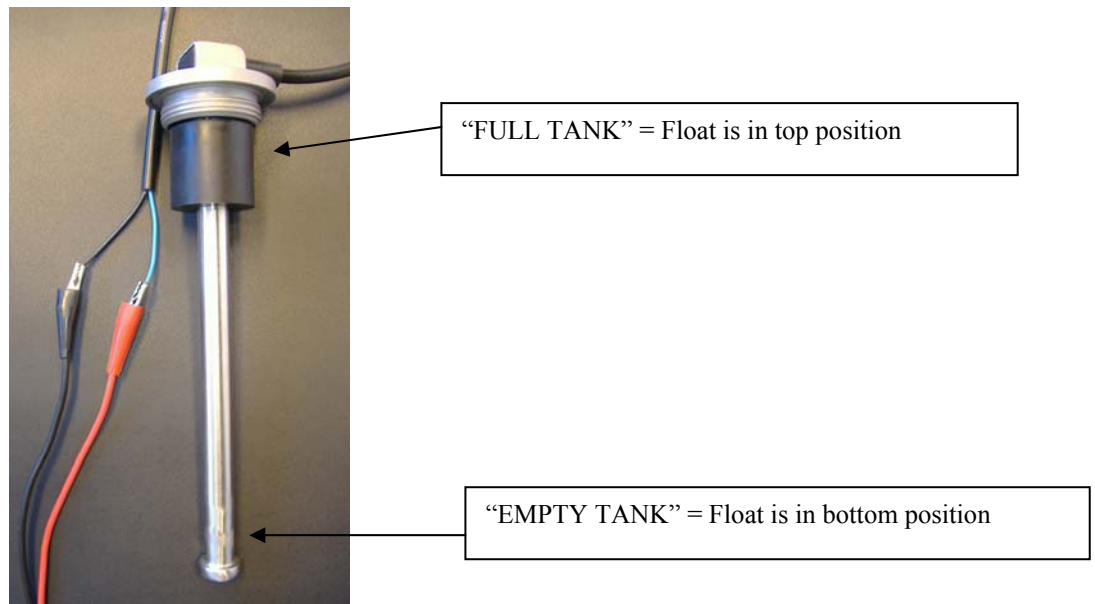
- Test cable for easy connection to the sensor.



Picture 2

Test Procedure:

1. Connect test cable to the Multimeter as shown in picture 1.
2. Connect the sensor and test cable like in picture 3.



Picture 3

3. Turn the multimeter on and use the ohm (Ω) measurement function. Picture 4 shows the ohm value when sensor float is in the position like in picture 3.



Picture 4

4. Move the float on the sensor slowly down towards the bottom.
 The multimeter will show resistance from 190-0 Ohm.
 The number of different ohm values is defined from the sensor length.
5. The measurement is normal to write in a table like this.

Position Number	Float Height (mm)	Resistance (Ω)
1 Top – Full Tank	150 – 1500 mm	190 ohm
2
3
4
5
6
7
8
9
..
..
..
..
x.. Bottom – Empty Tank	45 mm	0 ohm