

## TLL133-5N-0450-71 Liquid Level Sensor

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Rev. 1

The T/LL133 liquid level sensor is designed for use in water, coolant or fuel/oil tanks and provides a variable resistive output suitable for driving industry standard fuel gauges or connecting into PLCs.

This capacitance type liquid level sensor is supplied calibrated for use in diesel fuel but features a calibration button enabling the installer to re-calibrate the sensor to ensure it works accurately in alternative liquids.

<b>Part</b>	TLL133-5N-0450-71
<b>Description</b>	450MM, 240-32 OHMS, DIESEL, 1/2"NPT
<b>Prod. Group</b>	Liquid Level Sensor
<b>Technology</b>	Capacitance
<b>Liquid</b>	Diesel, kerosene, gasoline, water, coolant.
<b>Output Type</b>	Resistance
<b>Connector</b>	Metri-pack 150 - 4 Pins
<b>Thread</b>	1/2" NPT
<b>Length</b>	450 mm

### Performance

Output	240-32 Ohms
Accuracy	+/- 2%

### Materials

Enclosure	30% Glass Filled Nylon
Electrode	Aluminum Alloy 6063
Sensor	316 Stainless Steel
Spacers	Polypropylene
End Plug	PVC or G/F Nylon
Seals	Viton and NBR

### Ratings

Sealing	IP67 if fitted with mating connector
Pressure	1 Bar (max)
Shock	50g, 6.3 ms
Vibration	7.6 Grms
Temperature	-20 to +85 C

### Electricals

Supply Voltage	9-34 VDC
Supply Current	30 mA
Signal Protection	Over Voltage 80 VDC for 120s
	Reverse Polarity
Alarm Output	12.5%, Ground on Fall

### Harness Information

Connector	M/P 150-4P
Output	Pin C
Alarm Output	Pin B
+ve supply location	Pin D
Ground	Pin A

