

TLL133-5N-0300-71 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.

Part	TLL133-5N-0300-71
Description	300MM, 240-32 OHMS, DIESEL, 1/2"NPT
Prod. Group	Liquid Level Sensor
Technology	Capacitance
Liquid	Diesel, kerosene, gasoline, water, coolant.
Output Type	Resistance
Connector	Metri-pack 150 - 4 Pins
Thread	1/2" NPT
Length	300 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

