

TLL133-5N-0450-71 Liquid Level Sensor



a Rochester Gauges Company

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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-0450-71

Description 450MM, 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 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

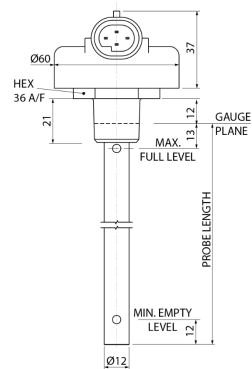
Reverse Polarity

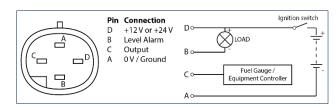
Alarm Output 12.5%, Ground on Fall

Harness Information

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









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