

## TLL151-5N-0500-01 Fuel Level Sensor, Cut-to-length

Document ref.: DDS\_TLL151-5N-0500-01

06-Apr-21

Rev. 2

The T/LL151 liquid level sensor is designed for use in diesel fuel tanks and provides a variable voltage output suitable for connecting into PLCs and controllers.

This capacitance type level sensor is supplied in standard lengths and is designed to be cut-to-length and calibrated by the customer making it ideal for custom and urgent projects.

<b>Part</b>	TLL151-5N-0500-01
<b>Description</b>	500MM, 0-5V, DIESEL, 1/2"NPT
<b>Prod. Group</b>	Fuel Level Sensor, Cut-to-length
<b>Technology</b>	Capacitance
<b>Liquid</b>	Diesel
<b>Output Type</b>	Voltage
<b>Connector</b>	Metri-pack 150 - 4 Pins
<b>Thread</b>	1/2" NPT
<b>Length</b>	500 mm

### Performance

Output	0 - 5 V
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

