

# TLL151-5N-XXXX-01

## Fuel Level Sensor, Precut-to-length

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

05-Apr-21

Rev. 1

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 or controllers.

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

<b>Part Description</b>	TLL151-5N-XXXX-01 200-975MM, 0-5 V, DIESEL, 1/2"NPT
<b>Prod. Group</b>	Fuel Level Sensor, precut-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>	200-975 mm

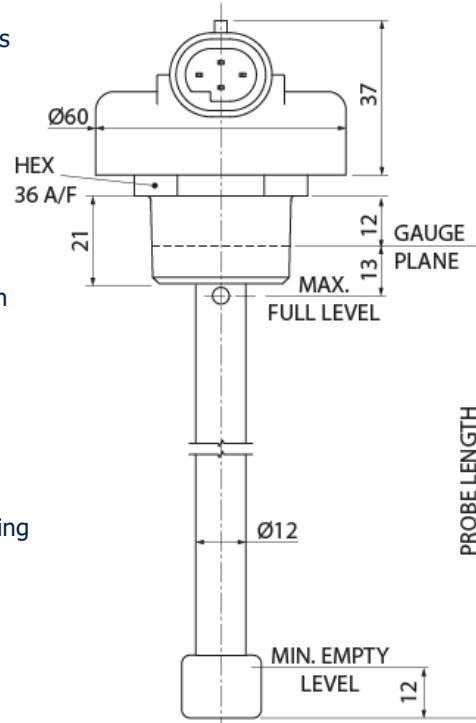
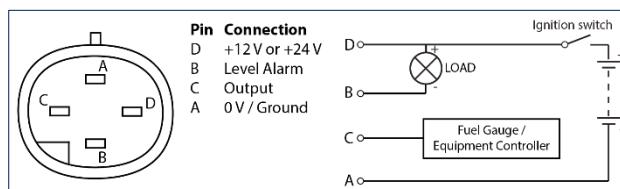
<b>Performance</b>	
Output	0-5V
Accuracy	+/- 2%

<b>Materials</b>	
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

<b>Ratings</b>	
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

<b>Electrical</b>	
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

<b>Harness Information</b>	
Connector	M/P 150-4P
Output	Pin C
Alarm Output	Pin B
+ve supply	Pin D
Ground	Pin A



Part Number	Probe Length
TLL151-5N-0200-01	200mm
TLL151-5N-0225-01	225mm
TLL151-5N-0250-01	250mm
TLL151-5N-0275-01	275mm
TLL151-5N-0300-01	300mm
TLL151-5N-0325-01	325mm
TLL151-5N-0350-01	350mm
TLL151-5N-0375-01	375mm
TLL151-5N-0400-01	400mm
TLL151-5N-0425-01	425mm
TLL151-5N-0450-01	450mm
TLL151-5N-0475-01	475mm
TLL151-5N-0525-01	525mm
TLL151-5N-0550-01	550mm
TLL151-5N-0575-01	575mm
TLL151-5N-0600-01	600mm
TLL151-5N-0625-01	625mm
TLL151-5N-0650-01	650mm
TLL151-5N-0675-01	675mm
TLL151-5N-0700-01	700mm
TLL151-5N-0725-01	725mm
TLL151-5N-0750-01	750mm
TLL151-5N-0775-01	775mm
TLL151-5N-0800-01	800mm
TLL151-5N-0825-01	825mm
TLL151-5N-0850-01	850mm
TLL151-5N-0875-01	875mm
TLL151-5N-0900-01	900mm
TLL151-5N-0925-01	925mm
TLL151-5N-0950-01	950mm
TLL151-5N-0975-01	975mm