

TLL150-5N-0500-71 Fuel Level Sensor, Cut-to-length

Document ref.: DDS_TLL150-5N-0500-71

25-Jan-21

Rev. 1

The T/LL150 liquid level sensor is designed for use in diesel fuel tanks and provides a variable resistive output suitable for driving industry standard fuel gauges or connecting into PLCs.

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.

Part Description	TLL150-5N-0500-71
Prod. Group	500MM, 240-32 OHMS, DIESEL, 1/2"NPT
Technology	Fuel Level Sensor, Cut-to-length
Liquid	Capacitance
Output Type	Diesel
Connector	Resistance
Thread	Metri-pack 150 - 4 Pins
Length	1/2" NPT
	500 mm

Performance	
Output	240-32 Ohms
Accuracy	+/- 2%

Materials	
Enclosure	30% Glass Filled Nylon
Electrode	Aluminium 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

