ROCHESTER GAUGES, LLC

FOZMULA
INNOVATION IN SENSORS
a Rochester Gauges Company

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.

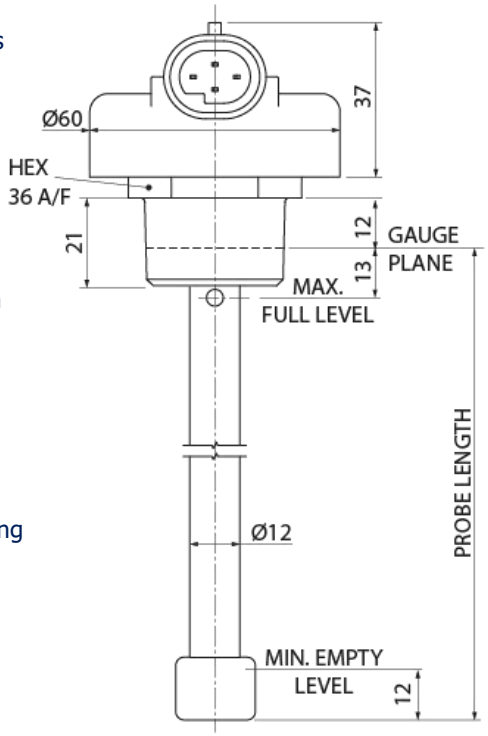
Part	TLL151-5N-XXXX-01
Description	200-975MM, 0-5 V, DIESEL, 1/2"NPT
Prod. Group	Fuel Level Sensor, precut-to-length
Technology	Capacitance
Liquid	Diesel
Output Type	Voltage
Connector	Metri-pack 150 - 4 Pins
Thread	1/2" NPT
Length	200-975 mm

Performance	
Output	0-5V
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

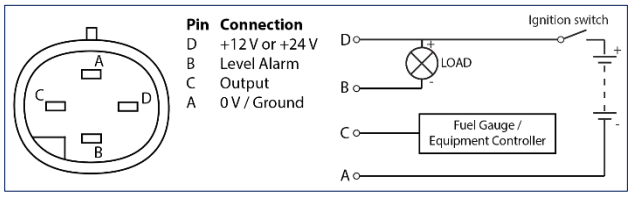
Electrical	
Supply Voltage	9-34 VDC
Supply Current	30 mA
Signal Protection	Over Voltage 80 VDC for 120s Reverse Polarity
Alarm Output	12.5%, Ground on Fall



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

Harness Information

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



Rochester Gauges, LLC 11616 Harry Hines Blvd., P.O. Box 29242, Dallas, TX 75229, USA
+1(972) 241-2161 rochestergauges.com info@rochestergauges.com

E. & O. E. Rochester Gauges LLC and Fozmula Limited expects that you will conduct the testing and evaluation necessary to determine that these products are suitable for your application. Materials and specifications are subject to change without notice.