

## T/LL130 series fuel level sensor

The **Model T/LL130** series is designed for use in water, coolant or fuel/oil tanks and provides a variable resistive or voltage output suitable for driving industry standard fuel gauges or connecting into plcs.

The device has no moving parts and can be mounted at any angle as long as it covers the whole depth of the tank.



### Specification

#### Dimensions:

Probe length: Min 80mm, Max 2000mm

#### Electrical:

Supply voltage:	7-35Vdc	Supply current:	15mA@12Vdc approx
Operating frequency:	8.3kHz	Output signal:	Factory set resistance range
Load impedance:	100 - 10,000W		Factory set between 0 and 5V
Warning output:	On...1/8 tank as default	Linearity:	1%
Connections:	4 way Delphi Packard connector	Accuracy:	±2.0% of immersion depth @ 20°C

#### Construction:

Housing:	30% glass filled Nylon 6	Internal sensor:	PTFE covered stainless steel
Sensor tube:	Stainless steel 316	Seals:	Fluorosilicone rubber
Internal insulators:	30% glass filled Nylon 6		

#### Fluid Types:

Fluids compatible with 316 St/St, Nylon 6 & Fluorosilicone rubber

#### Environmental Ratings:

Temperature	- operating: -40°C to +85°C	Sealing:	IP67
	- storage: -55°C to +100°C	Shock:	50g 6.3mS
Vibration:	1.5mm 10-57Hz (600 to 3420 RPM)	Max tank pressure:	2.0 bar [29 psi]

