

The **Model T/LL130** series is designed for use in water, coolant or fuel/oil tanks and provides a variable resistive, voltage or PWM (Pulse Width Modulated) 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. An optional manual calibration feature is available.



Specification

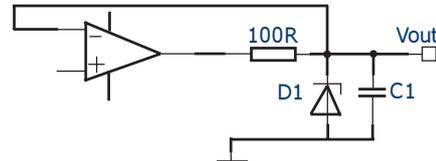
Dimensions:

Probe length: Min 200mm, Max 2000mm (Min 7.9", Max 78.75")

Electrical:

Supply voltage: 7-35Vdc	Supply current: 15mA@12Vdc approx	
Operating frequency: 8.3kHz	Output signal: Factory set resistance range or factory set between 0-5V or 5-0V	
Warning output: On...1/8 tank as default	Linearity: 1%	
Connections: 4 way Delphi Packard connector (Metri-Pak 150 series)	Accuracy: ±2.5% of total probe length	

The voltage output consists of a voltage follower with a 100Ω resistor to limit the current draw. The load placed on the output must be greater than 10KΩ.



Construction:

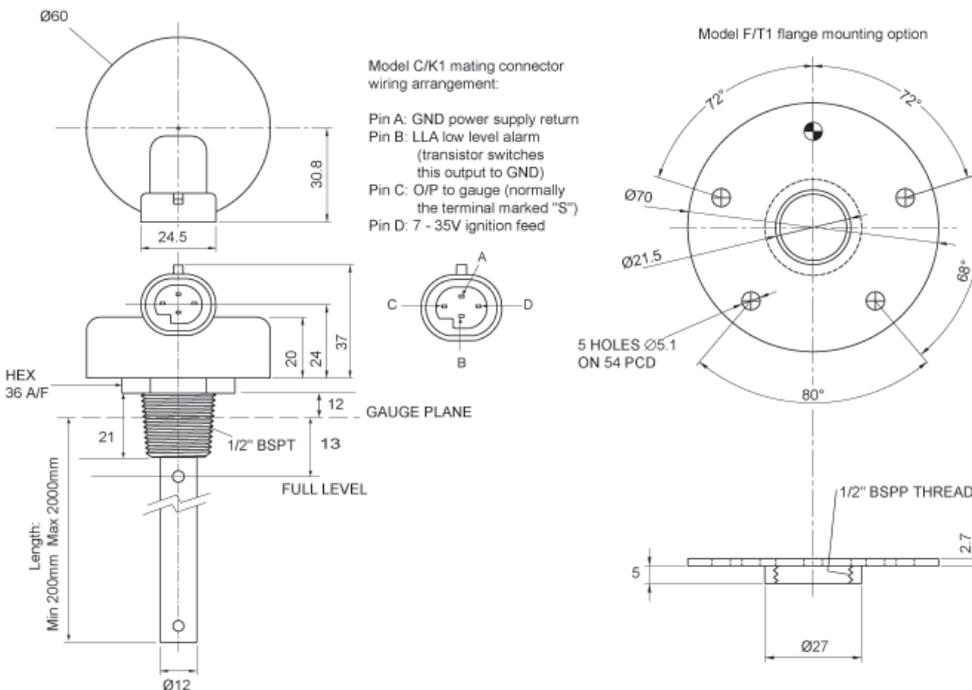
Housing: 30% glass filled Nylon 6	Internal sensor: PTFE covered stainless steel
Sensor tube: Stainless steel 316	Seals: Fluorosilicone rubber

Fluid Types:

Fluids compatible with 316 St/St, Nylon 6, PTFE & Nitrile rubber. N. B. Not suitable for fuels which contain Toluene

Environmental Ratings:

Temperature - operating: -40°C to +85°C (-40°F to +185°F)	Sealing: IP67
- storage: -55°C to +100°C (-67°F to +212°F)	Shock: 50g 6.3mS
Vibration: BS EN 60068-2-64:1993 (15.3grms)	Max tank pressure: 2.0 bar [29 psi]



Model	Output	Manual Cal
T/LL130	Resistive	No
T/LL131	Voltage	No
T/LL132	PWM	No
T/LL133	Resistive	Yes
T/LL134	Voltage	Yes
T/LL135	PWM	Yes

Fozmula Limited, Berrington Road, Leamington Spa, Warwickshire, CV31 1NB, UK
 Tel: +44(0)1926 466700 Fax: +44(0)1926 450473 E-mail: sales@fozmula.com Website: www.fozmula.com