

The **Model T/LL130** series is designed for use in water, coolant or fuel/oil tanks and provides a variable resistive, voltage or PWM (Peak 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 150mm, Max 2000mm (Min 5.9", Max 78.75")

Electrical:

Supply voltage: 7-35Vdc
 Operating frequency: 8.3kHz
 Load impedance: 100 - 10,000W
 Warning output: On...1/8 tank as default
 Connections: 4 way Delphi Packard connector (Metri-Pak 150 series)

Supply current: 15mA@12Vdc approx
 Output signal: Factory set resistance range
 Factory set between 0 and 5V
 Linearity: 1%
 Accuracy: ±2.5%

Construction:

Housing: 30% glass filled Nylon 6
 Sensor tube: Stainless steel 316
 Internal insulators: 30% glass filled Nylon 6

Internal sensor: PTFE covered stainless steel
 Seals: Fluorosilicone rubber

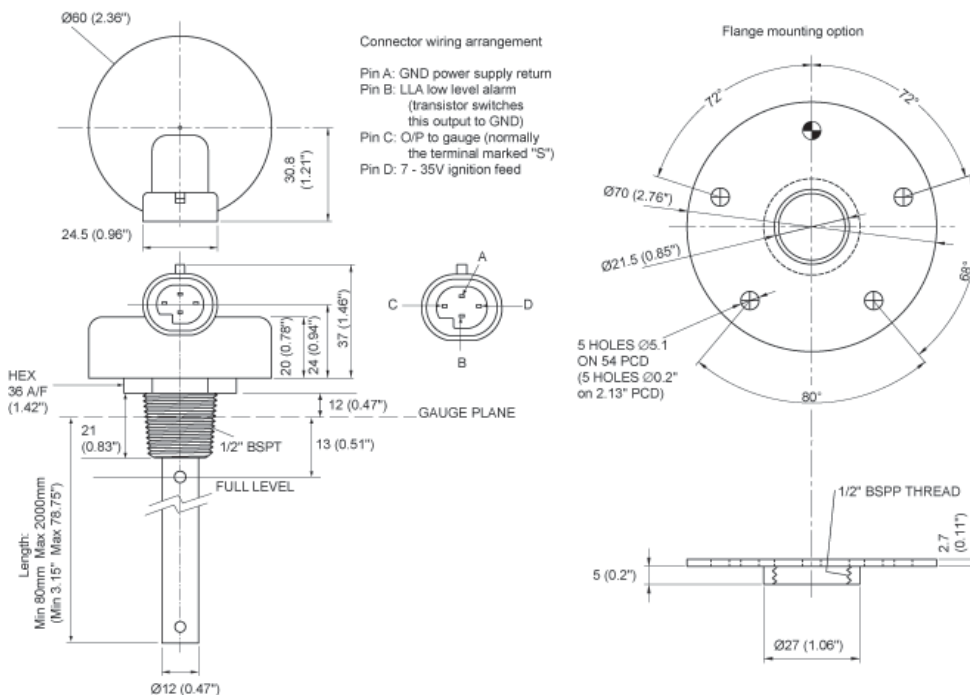
Fluid Types:

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

Environmental Ratings:

Temperature - operating: -40°C to +85°C (-40°F to +185°F)
 - storage: -55°C to +100°C (-67° to +212°F)
 Vibration: BS EN 60068-2-64:1993 (15.3grms)

Sealing: IP67
 Shock: 50g 6.3ms
 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

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