contec: Wege zur sauberen Lösung

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:

Electrical:

Supply voltage: Operating frequency: Load impedance: Warning output: Connections:

7-35Vdc 8.3kHz 100 - 10,000W On...1/8 tank as default 4 way Delphi Packard connector

Min 80mm, Max 2000mm

30% glass filled Nylon 6

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Stainless steel 316

Construction:

Housing: Sensor tube: Internal insulators:

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 p



Supply current: Output signal:

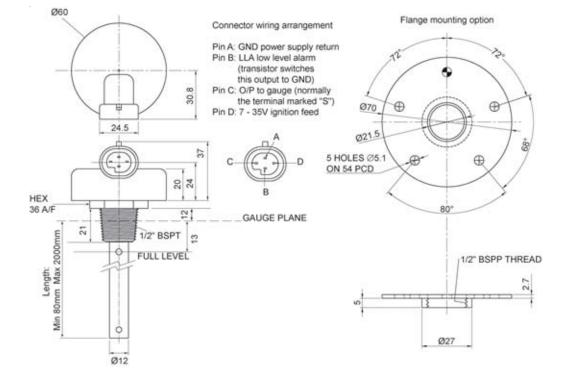
Linearity: Accuracy:

Internal sensor: Seals:

15mA@12Vdc approx Factory set resistance range Factory set between 0 and 5V 1% ±2.0% of immersion depth @ 20°C

PTFE covered stainless steel Fluorosilicone rubber

psi]



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