

The **Model T/LL171 series** is a range of highly advanced sensors designed to continuously measure the height of the fuel level in a tank.

Fully featured for use in difficult and hostile environments, the sensor has a very small footprint with its advanced electronics being housed in the hexagon header.

Unusually, the **T/LL171 series** can be used in very shallow tanks without detriment to its accuracy and is capable of operating at significantly extended temperatures without difficulty.

Specification

Dimensions:

Probe length: Min 90mm, Max 500mm

Electrical:

Supply voltage:	12 - 15Vdc	Supply current draw:	50mA@15Vdc incl. output load
Accuracy:	±2% of depth @ -20°C to +80°C	Connection:	Packard Metri-Pack 150 series
	±5% of depth @ -20° to +125°C	Protection:	Over voltage (24Vdc) for 1 minute and reverse polarity

Output:

Current source 4 - 20mA (protected if connected to ground or V+)
Max resistance to gnd 250Ω

Construction:

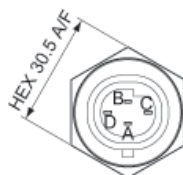
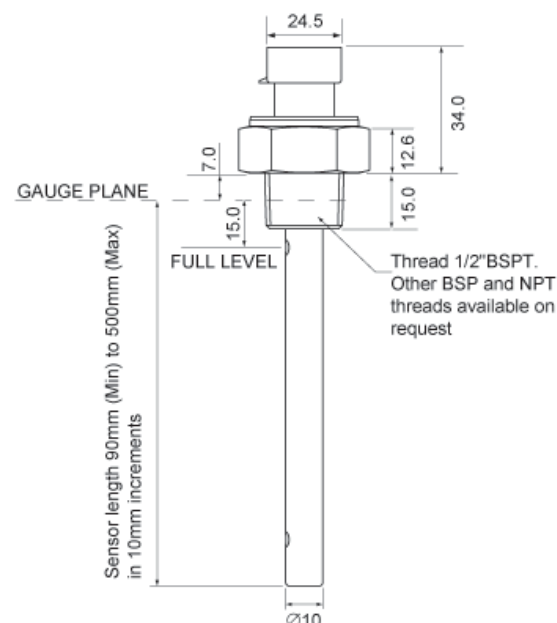
Housing:	Brass	Internal sensor:	PTFE coated stainless steel
Sensor tube:	Brass	Wetted seals:	Viton
Internal insulators:	PTFE	Connector:	PA66 GF30

Fluid Types:

Diesel, biodiesel, kerosene, petrol, ethanol, water.

Environmental Ratings:

Temperature - operating:	-20°C to +125°C	Sealing:	IP67
- storage:	-40°C to +140°C	Shock:	50g 6.3ms
Max tank pressure:	5 bar (72 psi)	Weight:	130g (200mm long unit)
Vibration:	BS EN 60068-2-64:1993 (15.3grms)		



CONNECTIONS:
A = Ground
B = 4-20mA source
C = 4-20mA return (Ground)
D = V+

Optional accessories:

Mating connector kit to suit harness wire cross sectional area of 0.8 to 1.0mm² and sleeve Ø1.60 to 2.15mm:

Our Part no Description

C/K1 Connector kit comprising of:
Crimp Terminals (x4)
Cable seals (x4)
Cavity plug (x1)
Connector assembly 4 way (x1)
TPA lock (x1)

From the Packard Metri-Pack 150 series of connectors.

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