

# **T/LL171 Series Fuel Level Sender**



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 and provides a 1-5V output.

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.

# **SPECIFICATION**

### **Liquid Types**

Liquids compatible with the construction materials; typically diesel, kerosene, petrol and water.

#### **Dimensions**

**Probe Length** Min 90mm, Max 500mm

**Threads:** ½ "1BSPT, ½ " BSPP, ¼ " NPTF, ½ " NPTF,

<sup>3</sup>/<sub>8</sub>" NPTF, M14 x 1.5, M18 x 1.5

**Electrical** 

**Supply Voltage:** 9-30VDC

**Supply Current:** 50mA (including output load)

**Supply Protection** Reverse polarity.

Signal OutputCurrent Source 4-20mA, 250Ω max output load.Output ProtectionSupply misconnection, Ground missconnectionConnections:4 Way Delphi Packard Metri-Pack 150 Series

Mating Connector: Rochester Sensors C/K1 (Delphi Packard Metri-Pack 150)

To fit 0.8-1.0mm<sup>2</sup> conductor, Ø1.6-2.15mm sleeve.

### **Performance**

**Accuracy:** ±2% of depth @ -20°C to 80°C

# Materials

**Enclosure:** 30% Glass Filled Nylon

Internal Electrode: PTFE Sensor Tube: PTFE

Internal Spacers: Polyorioylene

**Endplug: Wetted** PTFE

**Seals:** Fluorosilicone, Viton (FKM)

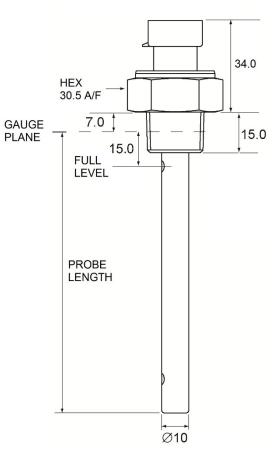
## **Environmental Ratings**

**Sealing:** IP67 with mating connector

Max Pressure: 1 bar

**Operating Temp:** -20°C to +85°C

Weight: 150g (500mm long sensor)



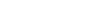




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Manufacturing

Worldwide



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