

# T/LL174 Series Fuel Level Sender



The Model T/LL174 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/LL174 series can be used in very shallow tanks without detriment to its accuracy.

# **SPECIFICATION**

# **Liquid Types**

Fluids compatible with the construction materials, typically diesel, kerosene, petrol, ethanol, 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 Output** Voltage Source 1-5V,  $100k\Omega$  min output load.

Output Supply misconnection. Protection: Ground misconnection.

**Connections:** 4 Way Delphi Packard Metri-Pack 150 Series

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

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

### **Performance**

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

## **Materials**

**Enclosure:** 30% Glass Filled Nylon

Internal PTFE Electrode: Brass **Sensor Tube:** Polyorioylene

**Internal Spacers:** PTFF

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

**Wetted Seals:** 

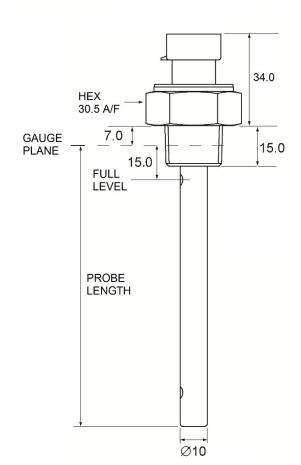
## **Environmental Ratings**

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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