

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, ¾ " 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, 100kΩ min output load.

Output Protection: Supply misconnection.
Ground misconnection.

Connections: 4 Way Delphi Packard Metri-Pack 150 Series
Mating Rochester Sensors **C/K1** (Delphi Packard Metri-Pack 150)
Connector: To fit 0.8-1.0mm² conductor, Ø1.6-2.15mm sleeve

Performance

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

Materials

Enclosure: 30% Glass Filled Nylon
Internal PTFE
Electrode: Brass
Sensor Tube: Polyoroiylene
Internal Spacers: PTFE
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)

