

# Installation Instructions

T/LL174  
Liquid Level Sensor

## Fozmula Limited

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## Mechanical

The T/LL174 is usually mounted vertically but may be mounted at any angle above the horizontal providing it spans the depth of the tank.

The thread should be tightened to a torque not exceeding 22 Nm (16.2 lb·ft).

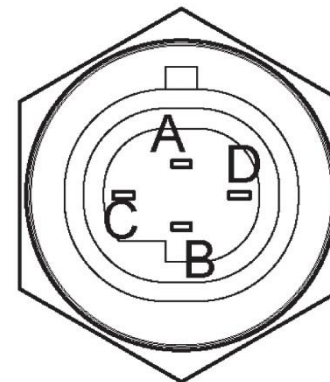
## Maximum Ratings

<b>Supply Voltage</b>	9-30 VDC.
<b>Supply Current</b>	50 mA @ 15 VDC incl. output load.
<b>Voltage Source</b>	1-5 V, 100 k $\Omega$ min. output load.
<b>Pressure</b>	1 bar (14.5 psi).
<b>Operating Temp.</b>	-20 °C to +85 °C.

## Other Parameters

<b>Sealing</b>	IP67.
<b>Compatible Liquids</b>	Diesel, biodiesel, kerosene, petrol, ethanol, water.
<b>Accuracy</b>	±2% of depth @ -20 °C to +80 °C.
<b>Weight</b>	150 g (500 mm long sensor)

## Electrical Connections



A = Ground

B = 1-5 VDC

C = Not connected

D = V+

**Mating Connector** Fozmula C/K1 (4-way Delphi Packard Metri-Pack 150 series).  
To fit 0.8-1.0 mm<sup>2</sup> conductor, Ø1.6-2.15 mm sleeve.