

Installation Instructions

T/LL171 Liquid Level Sensor

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Mechanical

The T/LL171 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).

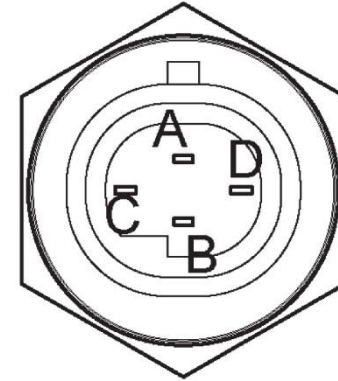
Maximum Ratings

Supply Voltage	9-30 VDC.
Supply Current	50 mA @ 15 VDC incl. output load.
Current Source	4-20 mA (protected if connected to ground or V+).
Pressure	1 bar (14.5 psi).
Operating Temp.	-20 °C to +85 °C.

Other Parameters

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

Electrical Connections



A = Ground

B = 4-20 mA

C = 4-20 mA return (Ground)

D = V+

Mating Connector Fozmula C/K1 (4-way Delphi Packard Metri-Pack 150 series). To fit 0.8-1.0 mm² conductor, Ø1.6-2.15 mm sleeve.