

The **Model T/LL200** series is designed for use in tanks requiring continuous level measurement of their contents and provides a voltage or 4-20mA output suitable for connecting into plc or process related applications.

The device has no moving parts and utilises hydrostatic technology incorporating a pressure transducer to measure the height of liquid. The flexible tube allows the sensor to be fitted easily and to tanks where a swing arm device is not practical.

Specification

Dimensions:

Probe length: Min 400mm, Max 4000mm
Mounting: 1/2" BSPT or optional 5 holes SAE flange

Electrical:

Supply voltage: 12 or 24Vdc nominal
Supply current: 6mA@12Vdc
Connections: 4 way Delphi Packard connector
Output signal: 0-5V ($\pm 0.5\%$) or 4-20mA (Metri-Pak 150 series)
Accuracy: $\pm 2.5\%$ of total fluid depth

Construction:

Housing: 30% glass filled Nylon 6
Sensor tube: Polyurethane flexible tube
Seals: Viton

Maximum ratings:

Supply voltage: 8 - 34Vdc
Pressure (Hydrostatic): 5 psi

Fluid Types:

Fluids compatible with Stainless Steel, PA66, polyurethane & Viton

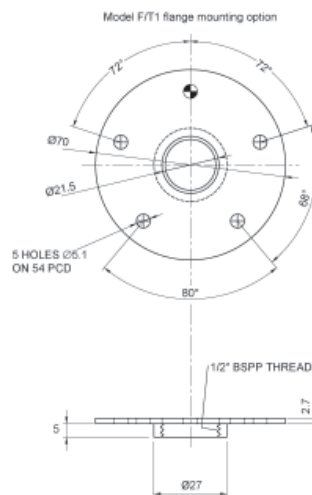
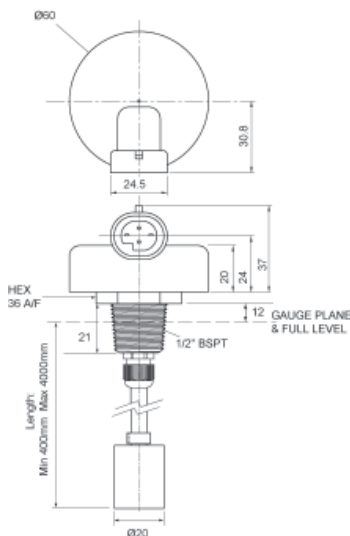
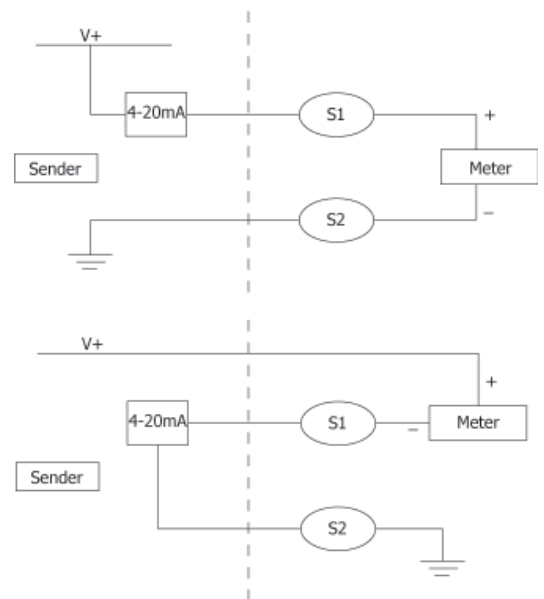
Environmental Ratings:

Temperature - operating: -20°C to +85°C
- storage: -55°C to +105°C
EMC: Designed to meet EN ISO 13766

Sealing: IP67
Shock: 50g 6.3ms
Vibration: 1.5mm 10-40Hz (600 - 2400RPM)



Typical output configurations - others available on request



Optional accessories:
Mating connector kit to suit harness wire cross sectional area of 0.8 to 1.0mm² and sleeve Ø1.60 to 2.15mm:

Our Part no	Description
C/K1	Connector kit comprising of: Crimp Terminals (x4) Cable seals (x4) Cavity plug (x1) Connector assembly 4 way (x1) TPA lock (x1)

From the Packard Metri-Pack 150 series of connectors.

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