T/LL200 Series Liquid Level Sensor

The **Model T/LL200** series is designed primarily for use in fuel tanks 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 3400mm
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 (±0.5%) or 4-20mA
	(Metri-Pak 150 series)
Accuracy:	±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

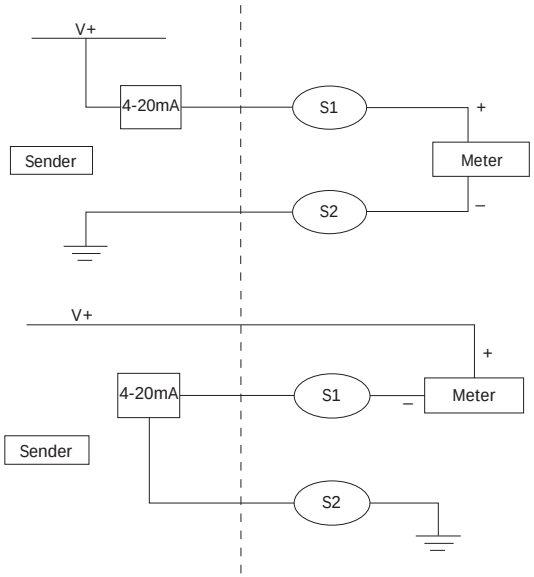
Fluid Types:

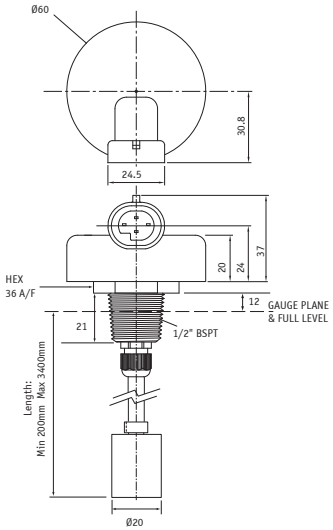
Fluids compatible with Stainless Steel, PA66, polyurethane & Viton

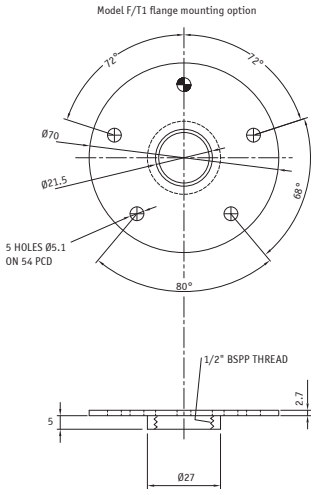
Environmental Ratings:

Temperature	- operating:	-40°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 1.60 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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Errors and omissions excepted.