

Fuel Level Sensor



Description :

Filpro Fuel level sensor is a low cost capacitance type level sensor. It is designed for monitoring levels in fuel tanks of vehicles, Bulk storage tanks fitted on vehicles, diesel storage tanks.

The Design is simple & light weight. It measures the level accurately and reliably. The sensor output is connected to vehicle monitoring and tracking system or level indicators.

The sensor consists of measuring probe which is encircled with a reference probe. This gives more linear output and is not affected by turbulence inside the tank.

Principle

As the fuel level increases, the capacitance value also increases. The fuel acts as the dielectric between electrodes. The increase in capacitance is directly proportional to the increase in fuel level. This change in capacitance is measured and converted into 4-20mA, 0-5V, 0-10V, RS485 O/P.



Details required while ordering

1. Flange Size and Material
2. Probe Length
3. O/P required

Specifications :

Wetted Parts :	Anodized Aluminum
Flange :	Aluminum or MS
Enclosure :	Aluminum or Plastic
Probe length :	150mm to 2000mm
Input :	12 to 24V DC
Output :	4-20mA, 0-5V, 0-10V, RS485 O/P
Connection :	3 core cable 1mt.

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