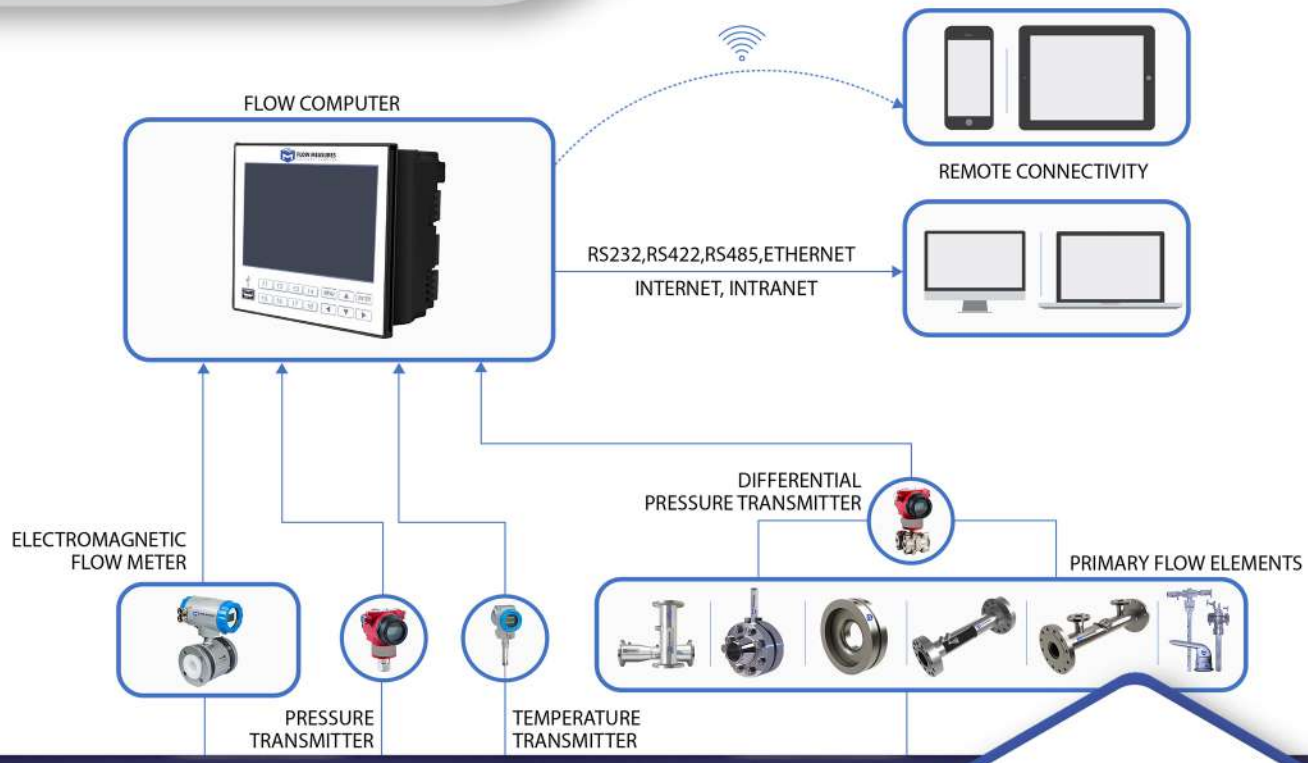
FLOW MEASURES
PRIVATE LIMITED



FLOW COMPUTER

The measurement details from the various Flow Meters will be received to the Back-end CPU, the flow computer which will process, display and send the data to Server. The flow computer is designed specifically for use in reception of various flow measurement data reception and logical calculations display, transmission to back end etc. The field data like differential pressure flow measurement, electromagnetic flow measurement, etc from many kinds of flow meter sensor or transmitter is essential for logical calculation, display, transmission for getting the various details about the flow parameters.

SPECIAL FEATURES

- For gas and liquid flow measurement, single or multi stream
- Easy setup and operation
- Realtime monitoring and historical data back up
- Individual Meter and total system diagnostics
- Additional data logging storage facility
- Alarm setting and performance monitoring
- Remote access and e reporting

APPLICATIONS

- Oil and Gas Industry
- Water and Waste Water Industry
- Pharmaceutical Industry
- Food and Beverages
- Chemical industry
- Metal and mining industry
- Paper and pulp industry

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TECHNICAL SPECIFICATION

Inputs:

- 3 Channels for P,DP and T
  4-20mA,0-20mA,0-5V,1-5V,0-10V,0-50mV
- Volumetric input flow rate from flow instruments.

Readings:

- Totalized flow
- Flow rate calculation using primary flow elementbased on ISO-5167
- Continuous memory, stores last reading of the totalized flow
- Registers maximum and minimum readings of flow rate.

Power Supply:

- Current mode switching power supply.

* 85-260VAC, 6 W, 45...65 Hz.
* 20-60VDC, 6 W, (optional)

Outputs:

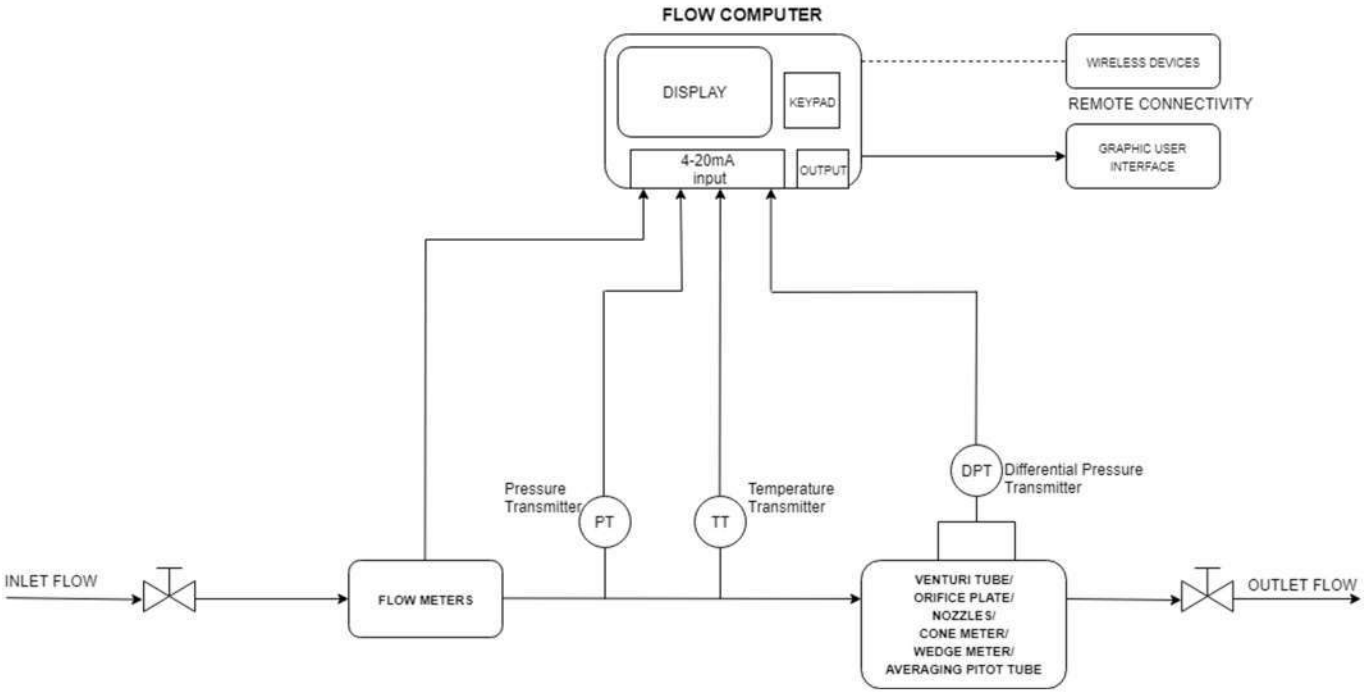
- Relays, 2 outputs for alarms 250VAC/ 3A., normally open or normally close by software.

Optional :

* 4-20mA, loop powered, Vdrop 4.5V max. opto isolated (5kV).
* 4-20mA, Active loop, opto isolated (5kV).
* 0-10V, opto isolated (5kV).
* RS485 modbus RTU serial communications, opto isolated (5kV).

Communications:

- RS485 Modbus RTU serial communications/ wireless communications reports data to a PC/PLC/Handheld devices



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