



## FBL INDUSTRIAL SERVICES

A Company of FBL Group

### FBL Industrial Services Offers Vortex Type Flow meter

Vortex meters are versatile flow meters that have been gaining wider acceptance in recent years for measuring flow of liquids, gases or steams, mainly as an alternative to differential pressure flow meters. Vortex flow meters are applicable to a wide range of process temperatures, including high temperature flow applications.

#### Uses

Vortex flow meter is widely used in,

- Petroleum,
- Chemical,
- Metallurgical,
- Power,
- Textile,
- Paper,
- and other industries on the superheated steam, saturated steam, compressed air and gases water and liquid measurement and control.



### Vortex Meter Advantages

- Vortex meters can be used for liquids, gases and steam
- Relatively low cost of installation and maintenance
- Low sensitivity to variations in process conditions
- Stable long term accuracy and repeatability
- Applicable to a wide range of process temperatures
- Available for a wide variety of pipe sizes
- High measuring accuracy, wide range;
- No moving parts, no abrasion, with high reliability
- Meter body adopts stainless steel material, corrosion-proof



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### Types/Technical Parameters

#### Split Type

Size:	DN 25-DN 300
Medium:	Steam / Water
Power supply:	DC 24V
Output: impulse	3 wire
Display:	LCD;
Accuracy:	±1.5%
Temperature range:	50-250C
Pressure:	1.25-9.8Mpa
Material:	Stainless steel
Flange material:	Carbon steel
Connection:	Two pieces separated flange
Flow integrating instrument output:	4-20mA, LCD screen with temperature compensation and pressure transmitter, split type temperature sensor, Wire: 5Meter

#### Integrated Type

Size:	DN 25-DN 300
Medium:	Steam / Water
Power supply:	DC 24V
Output:	4-20MA 2 wire
Display:	LCD;
Accuracy:	±1.5%
Temperature range:	100C
Pressure:	1.6Mpa
Material:	Stainless steel
Flange material:	Carbon steel
Connection:	two pieces separated flange with temperature and pressure compensation.