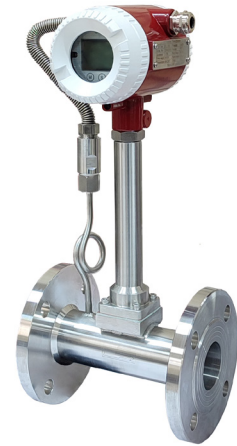


## FEATURES

- A wide range of measuring media such as liquids, gases and steam can be measured
- With temperature and pressure compensation function, stable measurement
- High working temperature. fluid temperature for high temperature probe can reach 350°C
- No moving parts, no wear, high reliability
- The sensor is made of stainless steel, which is corrosion resistant

## APPLICATIONS

- Mostly used for flow measurement of saturated steam and superheated steam
- It can also be used for nitrogen, methane, hydrogen, air, compressed air and other gases
- It can also measure low viscosity liquids. Care should be taken to avoid vibration when using a vortex flowmeter



## TECHNICAL SPECIFICATION

Nominal diameter	: DN25-200mm
Power supply	: 24VDC (220VAC, 3.6V customizable)
Material	: Carbon steel / Stainless steel
Medium Temperature	: -40...+250°C (+260...+350°C high temperature probe optional)
Pressure	: 1.6Mpa
Connection type	: Thread connection (DN25-50mm) Clamping connection (DN25-200mm) Flange type (DN25-200mm)
Structure	: Integrated type, Split type (10m cable) Insertion type (DN200-1500mm)
Protection level	: IP65/IP68
Temperature and pressure compensation	: With/ Without
Output communication	: Standard configuration: Pulse, 4-20mA, RS485 MODBUS, HART

## FLOW RANGE SHEET

Diameter	Flow Range (m <sup>3</sup> /h)	
	Gas	Liquid
DN25	6-60	1.5-10
DN32	10-100	2-15
DN40	18-180	3-20
DN50	30-300	4-40
DN65	50-500	6-60
DN80	70-700	13-130
DN100	100-1000	20-200
DN125	150-1500	36-360
DN150	200-2000	50-500
DN200	400-4000	100-1000

## ORDERING CODES

### 1. NOMINAL DIAMETER (mm)

XXX	Three digits, refer to Nominal Diameter Coding Table	XXX
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### 2. NOMINAL PRESSURE

1	1.6MPa	1
2	2.5MPa	
3	4.0MPa	
4	Other	

### 3. CONNECTION

1	Flange	1
2	Tri-clamp	
3	Thread	
4	Hygienic	
5	Plug-in	

### 4. MEDIUM

1	Liquid	1
2	General Gas	
3	Saturated vapor (steam)	
4	Superheated steam	

### 5. OUTPUT

A	4-20mA	
B	RS485	
C	HART	C

### 6. SPECIAL TAG

X	Field display	
G	High temperature 350°C	G
W	Temperature compensation	
Y	Pressure compensation	
Z	Temperature and pressure compensation	

Ordering Example : FL100-XXX-1-1-1-C-G

## NOMINAL DIAMETER CODING TABLE

NOMINAL DIAMETER	CODE
25	025
32	032
40	040
50	050
65	065
80	080
100	110
125	112
150	115
200	120