

FEATURES

- Good repeatability, good sensitivity and stability
- Wide rangeability
- Can be mains powered or battery powered
- Can be made into insert type, suitable for large-diameter measurement, can be taken out continuously, easy to install and maintain

APPLICATIONS

- Turbine flow meter is widely used in flow measurement and control in food, medicine, petrochemical and other production processes



TECHNICAL SPECIFICATION

Accuracy	: ±0.5% of reading
Rangeability	: 1:10 (Optional: 1:20)
Nominal diameter	: DN15-200mm
Power supply	: 24VDC
Material	: SS304, SS316
Medium temperature	: -20...+120°C
Rated pressure	: 0.6-4.0Mpa (high pressure customizable)
Connection type	: Thread connection (DN10-50mm) Tri-clamp connection (DN15-80mm) Flange type (DN10-200mm)
Flange standard	: GB, ANSI, DIN, JIS
Protection level	: IP65
Output communication	: Pulse, 4-20mA, RS485 MODBUS , HART
Explosion proof	: Ex d IIC T6 Gb (Optional)

FLOW RANGE SHEET

Flow Range (m³/h)	
DN15	0.6-6
DN20	0.8-8
DN25	1-10
DN32	1.5-15
DN40	2-20
DN50	4-40
DN65	7-70
DN80	10-100
DN100	20-200
DN125	25-250
DN150	30-300
DN200	80-800

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 (Insertion)	

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 : FL95-XXX-1-1-1-C-G

NOMINAL DIAMETER CODING TABLE

NOMINAL DIAMETER	CODE
15	015
20	020
25	025
32	032
40	040
50	050
65	065
80	080
100	110
125	112
150	115
200	120