

FEATURES

- High precision linear stability
- Good reliability and anti-interference performance
- No zero drift, strong anti-interference ability

PRODUCT APPLICATION

- Paper making, refine sugar, mining and metallurgy, drainage, environmental protection
- Water conservancy and hydraulic engineering, iron and steel, petroleum, Pharmaceutical, various beverages
- Petroleum, organic liquid, inorganic liquid, cryogenic fluid



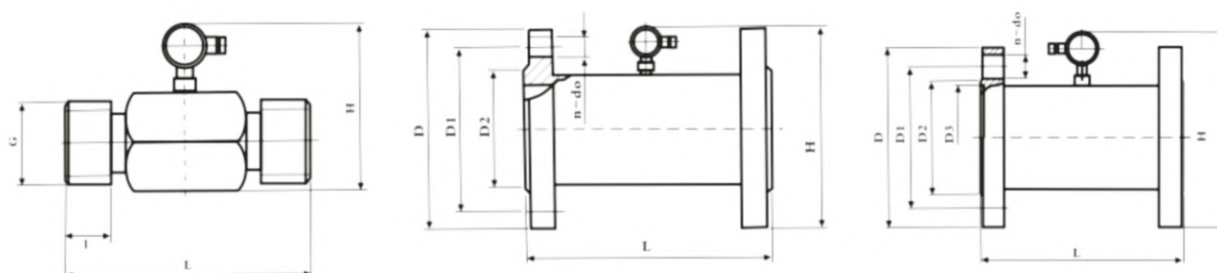
SPECIFICATION

Drift diameter	4-300mm
Max flow	10m/s
Output signal	4-20mA, HART, RS485(optional)
Electrical connection	Flange connection, clamp connection, thread connection
Accuracy	1.0%
Power Supply	24VDC(integrated), Battery powered (integrated)
Consumed power	within 0.5W
Nominal pressure	10MPa, 6.3MPa, 2.5MPa, 1.6MPa
Ambient temperature	-10°C~60°C
Flange material	Stainless steel(304, 316, 316L)
Protection grade	IP65

DRIFT DIAMETER PARAMETER

Nominal diameter(mm)	Flow Range (m³/h)	Fluid Temperature Range (°C)		Nominal Pressure (MPa)
		Integrated	Explosion-proof Type	
10	0.2-1.2	-10°C~80°C, above 80°C need customization	-20°C~70°C	≤DN200 1.6MPa DN250-300 1.0MPa pressure beyond this range need customization
15	0.4-6			
25	1.2-12			
40	3-30			
50	5-50			
80	12-120			
100	20-200			
150	40-400			
200	80-800			
250	120-1200			
300				

DIMENSION IN:MM



ORDER REF NO.

Code and description										Type
LFLWGY										Turbine Flowmeter
DN	4…100…300									Nominal diameter
	1	1.6								Nominal Pressure
	2	2.5								
	3	6.3								
	4	10								
	1	Flange connection								Pipe Connection Method
	2	Pipe thread connection								
	3	Clamp connection								
	1	4~20mA								Output Signal
	2	RS485								
	3	4~20mA+RS485								
	4	HART								
	5	no signal output(battery powered)								
	1	Battery powered								Power supply
	2	24VDC								
	1	-10℃-80℃								Fluid Temperature (℃)
	2	-10℃-100℃								
	3	-10℃-120℃								
	1	304 Stainless steel								Shell Material
	2	316 Stainless steel								
	1	Integrated								Structure Type
0	Not explosion-proof								Explosion-proof	
1	Explosion-proof									
1	1.0%								Accuracy	
LFLWGY-DN50	3	1	2	1	1	1	1	0	1	Selection example