

FEATURES

- High accuracy, linearity and stability
- Simple and firm structure, no moving parts, high reliability
- Good reliability and anti-interference performance
- Wide range of applications, the flow of steam, gas and liquid can be measured
- Smaller pressure loss, lower operating cost and more energy saving

SPECIFICATION

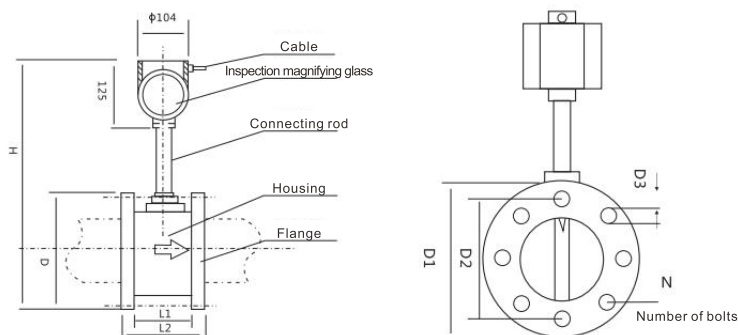
Nominal diameter	20-600mm
Maximum flow rate	10m/s
Output signal	4-20mA, HART, RS485 (optional)
Installation	Wafer-Type flange mounting
Accuracy	1.5%F.S
Fluid conductivity	≥5 μS/cm
Power Supply	24VDC(integrated), 220VAC(split), 3.6V battery power (integrated)
Consumed power	≤0.5W
Nominal pressure	4.0MPa, 2.5MPa, 1.6MPa
Ambient temperature	-10°C-60°C
Flange material	Carbon steel, Stainless steel (304, 316, 316L)
Protection grades	IP65



DRIFT DIAMETER PARAMETER

Nominal diameter (mm)	Liquid (medium: normal temperature water)	Gas (medium: 20°C, air under 101325Pa)
20	1-8	8-50
25	1.5-12	10-80
40	2.5-30	25-200
50	3-50	30-300
65	5-80	50-500
80	8-120	80-800
100	12-200	120-1200
125	20-300	160-1600
150	30-400	250-2500
200	50-800	400-4000
250	80-1200	600-6000
300	100-1600	1000-10000
400	200-3000	1600-16000
500	300-5000	2500-25000
600	500-8000	4000-40000

DIMENSION IN:MM



PRODUCT APPLICATION

- Paper making, sugar making, mining and metallurgy, water supply and drainage, environmental protection
- Water conservancy, steel, petroleum, pharmaceuticals, various beverages
- Heat supply, air supply, hot steam, saturated steam, compressed air

ORDER REF NO.

Code and description											Type	
LFLUGB											Vortex flowmeter	
DN	20...100...600										Nominal diameter	
	1	304									Flange material	
	2	316										
		1	Liquid								Measured medium	
		2	Gas									
		3	Steam									
			1	No temperature compensation							Temperature compensation	
			2	With temperature compensation								
				1	3.6V Battery Powered						Power supply	
				2	24VDC							
				3	220VAC							
					1	4~20mA					Output signal	
					2	RS485						
					3	4~20mA+HART						
					4	4~20mA+RS485						
					5	without signal output						
						1	LCD display momentarily/Cumulative flow				Display Type	
							1	1.5%			Accuracy	
								1	M20*1.5 female		Electrical connection	
								2	Customizable			
									1	1.6MPa	Pressure level	
									2	2.5MPa		
									3	4.0MPa		
										1	with	Explosion-proof grade
										2	without	
LFLUGB-DN50	1	1	1	1	1	1	1	1	1	1	Selection example	