

FEATURES

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

SPECIFICATION

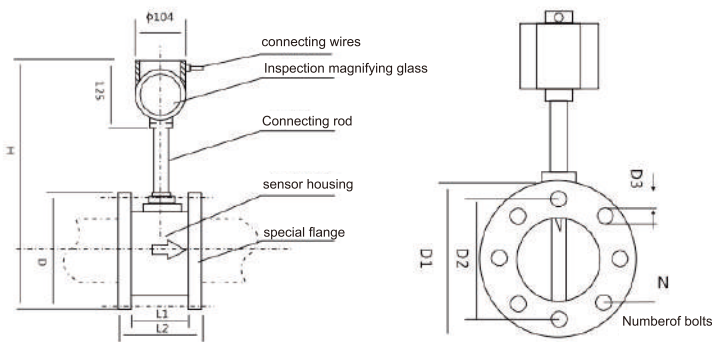
Path	10-300mm
Maximum flow rate	10m/s
Output signal	4-20mA, HART protocol, RS485
Electrical Connections	Terminals
Comprehensive accuracy	1.0
Fluid conductivity	≥5μS/cm
Power supply	220VAC, 24VDC
Power consumption	≤20W
Power consumption	4.0MPa, 2.5MPa, 1.6MPa, 0.6MPa
Ambient temperature	-25℃~60℃
Ambient temperature Carbon steel	stainless steel (304, 316, 316L)
Ambient temperature	IP65
Certification	CE ROHS



PATH PARAMETERS

Path(mm)	Liquid (test medium, normal temperature water)		Gas (Test medium: 20℃, air under 101325Pa)	
	Standard	Extended		
15	0.8-6	0.5-8	6-40	5-50
20	1-8	0.6-12	8-50	6-60
25	1.5-12	0.8-16	10-80	8-120
40	2.5-30	2-40	25-200	20-300
50	3-50	2.5-60	30-300	25-500
65	5-80	4-100	50-500	40-800
80	8-120	6-160	80-800	60-1200
100	12-200	8-250	120-1200	100-2000
125	20-300	12-400	160-1600	150-3000
150	30-400	18-600	250-2500	200-4000
200	50-800	30-1200	400-4000	350-8000
250	80-1200	40-1600	600-6000	500-12000
300	100-1600	60-2500	1000-10000	600-16000
400	200-3000	120-5000	1600-16000	1000-25000
500	300-5000	200-8000	2500-25000	1600-40000
600	500-8000	300-10000	4000-40000	2500-60000

DIMENSION



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											Votex flowmeter		
DN	10 ··· 100 ··· 600										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	24V DC							power supply	
				2	3.6V								
					1	4 ~20mA two-wire system						Output signal	
					2	4 ~20mA+ HA RT two-wire system							
					3	RS485/Modbus four wire-system							
					4	Frequency／Pulse output							
					5	Customizable							
						1	LCD display momentarily/Cumulative flow					Display method	
						2	Customizable						
							1	1%FS				Accuracy	
							2	1.5%FS					
								1	Within M20*1.5			Electrical connection	
								2	Customizable				
									1	1.6MPa		Pressure level	
									2	2.5MPa			
									3	4.0MPa			
									0	Customizable			
										1	CT 4		Explosion-proof grade
										2	CT 6		
LFLUGB-DN50											Selection example		