

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

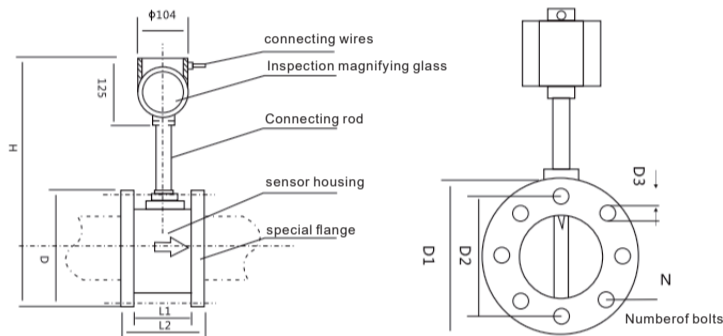
Path	10-300mm
Maximum flow rate	10m/s
Output signal	4-20mA, HART protocol, RS485
Electrical Connections	Terminals
Comprehensive accuracy	1.0
Fluid conductivity	≥ 5 μS/cm
Power supply	220VAC, 24VDC
Power consumption	≤ 20W
Power consumption	4.0MPa, 2.5MPa, 1.6MPa, 0.6MPa
Ambient temperature	-25°C ~ 60°C
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 °C, 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

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Electromagnetic Flowmeter parameter

ORDER REF NO.

Code and description		Type
LFLUGB		Vortex 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+HART 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 CT4	Explosion-proof grade
	2 CT6	
LFLUGB-DN50	1 1 1 1 1 1 1 1 1 1	Selection example

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