

## VORTEX FLOWMETER



### FEATURES

Vortex flowmeter is widely used in petroleum, chemical, metallurgical, thermal, textile, paper and other industries to measure and control superheated steam, saturated steam, compressed air and general gases (oxygen, nitrogen, argon, hydrogen, natural gas, gas, etc.) water, liquid and other media.

- ✓ 1. LCD display, easy to operate.
- ✓ 2. -40 °C ~ 350 °C for selection.
- ✓ 3. Self check function.
- ✓ 4. GB / DIN / ANSI / JIS multiple flange standards.
- ✓ 5. Separate sensor, more quick response.
- ✓ 6. Temperature and pressure could be monitored at the same time.
- ✓ 7. Low power consumption, the battery can be used for at least 3 years.
- ✓ 8. Pulse / current / RS485 / Hart multiple signal output modes.
- ✓ 9. Wide range of medium measurement, can measure steam, liquid, general gas, natural gas, etc.

## SPECIFICATIONS

Product Name	Vortex Flowmeter	DN/mm	Flow Rate Range(m <sup>3</sup> /h)		
Power supply mode	24VDC/3.6VDC lithium battery/220VAC		Liquid	Gas	Steam
Output signal	Pulse/420mA/RS-485/Hart	DN25	1-12	9-80	9-60
Accuracy	±0.5%/± 1.0% (liquid);± 1.0% /± 1.5% (gas,)	DN40	3-40	18-180	20-200
		DN50	4-50	30-300	32-320
Waterproof grade	IP65/IP68	DN65	8-100	46-460	55-540
		DN80	13-130	70-700	81-810
Measuring medium	Steam, gas, liquid (water, oil, etc.)	DN100	20-200	110-1100	130-1300
		DN125	30-300	150-1500	170-1700
Pipe material	Stainless steel 304/316L	DN150	50-500	200-2000	290-2900
		DN200	80-800	400-4000	550-5500
		DN250	130-1400	600-6000	800-8000
		DN300	200-2000	1000-10000	1150-11500

### Flange mounting size

Size(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L(mm)	95	95	95	114	114	117	117	117	136	151	170	190	205	220
H(mm)	460	460	460	480	490	500	515	530	550	570	600	650	710	760
D(mm)	125	125	125	145	145	160	180	195	215	245	280	335	405	460
D1(mm)	100	100	100	120	120	125	145	160	180	210	240	295	355	410
N(mm)	4	4	4	4	4	4	4	8	8	8	8	12	12	12
d(mm)	14	14	14	14	14	18	18	18	18	18	22	22	26	26

### Temperature and pressure compensation size

Size(mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L(mm)	180	180	180	180	180	180	200	200	200	220	220	220	350	300
H(mm)	416	423	431	448	456	470	488	501	525	552	584	636	696	749
D(mm)	95	105	115	140	150	165	185	200	220	250	285	340	405	460
D1(mm)	65	75	85	100	110	125	145	160	180	210	240	295	355	410
N(mm)	4	4	4	4	4	4	8	8	8	8	8	12	12	12
d(mm)	14	14	14	18	18	18	18	18	18	18	22	22	26	26

\*Specifications Subject to change for continuous improvement, Rev:1



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