



Vortex Flow Meter



LF-V

**Level & Flow Industrial
Automation (OPC) Pvt. Ltd.**

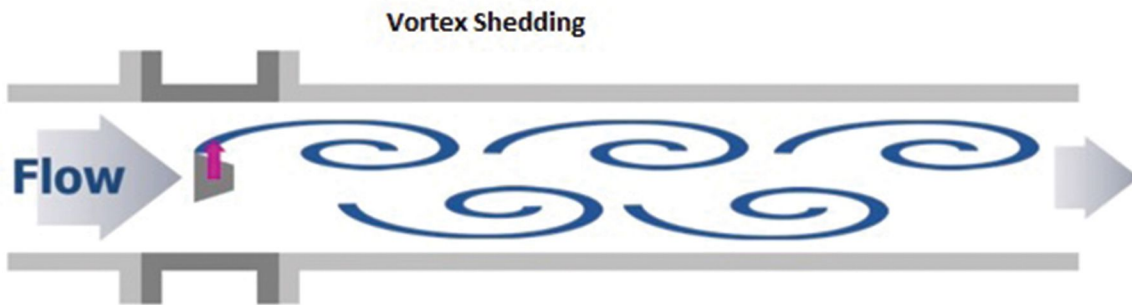
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DESCRIPTION

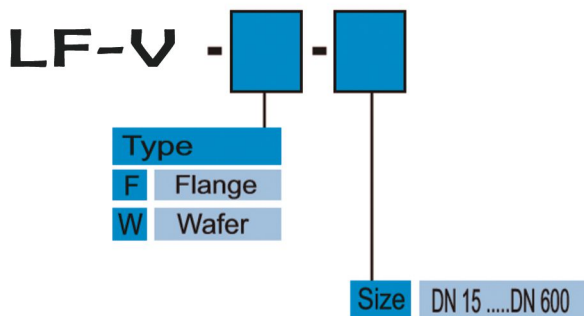


LFIA make Vortex flow meters measure fluid velocity using a principle of operation referred to as the von Kármán effect, which states that when flow passes by a bluff body, a repeating pattern of swirling vortices is generated flow sensor operable to sense pressure variations due to vortex-shedding of a fluid in a passage and to convert the pressure variations to a flow sensor signal, in the form of an electrical signal; and a signal processor operable to receive the flow sensor signal and to generate an output signal corresponding to the pressure variations due to vortex-shedding



Application: Air, Compressed Air, Gases, etc.

MODEL SELECTION



TECHNICAL SPECIFICATION

Model	LF-V
Sensor Type	Vortex
Range	DM water , Air, Steam, Gas
MOC	SS
Temperature	0 to 300 deg.C (as per model)
Pressure	10 bar, Higher on request
Display Type	LCD Display
Flow rate unit	m ³ /h
Protection	IP65
Output	4 – 20mA
Power supply:	24VDC
Connection	Flange
Size	DN 25 – DN 300
Optional	Temperature & Pressure Compensation

FLOW RANGE

Diameter	Liquid (m³/hr)	Air at 20 deg.c(m³/hr)
15	0.8 – 6	6 – 40
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

* (All models may differ in looks & all specification may not be part of every version)
 * (Specification may vary as per different model selected. Some feature may not be there in model selected.)