

SS FLOW_VORTEX FLOWMETER



DESCRIPTION

SS FLOW Vortex flow meter is a flowmeter for measuring fluid flow rates in an enclosed conduit. A vortex flowmeter comprising: a 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 of the fluid in the passage. A fluid flowing with a certain velocity and passing a fixed obstruction generates vortices. The generation of vortices is known as Karman's Vortices.

Vortex meters are essentially frequency meters, since they measure the frequency of vortices generated by a "bluff body" or "shedder bar"

KEY FEATURES

- No moving part
- Suitable for high temperature media
- Long Term Stability
- Good Accuracy and High Reliability

CONTACT US
+91-9136590370

TECHNICAL SPECIFICATIONS

Diameter	15, 25, 40, 80,100,150,200,300 (300-1000)
Pressure	1.6Mpa-4.0Mpa
Temperature	-40-350 Deg. C
Accuracy	1.0% F.S for liquids , 1.5%F.S for gas and steam
Power supply	24VDC , 220VAC , Battery operated
Output	4-20mA , Pulse , Hart , RS485
Compensation	Yes, N/A
Medium	Gases , liquids , Steam
Protection Grade	IP65 or IP68
Structure	Integrated TypeRemote Type
Installation	Wafer TypeFlangbe Type
Display	LCD Display , N/A



LINE SIZE VRS FLOW RATE

DN size(mm)	Liquid		Gas	
	StandardMeasuring range(m3/h)	Extended. Measuring range (m3/h)	StandardMeasuring range(m3/h)	Extended. Measuring range (m3/h)
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	50~5000	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



FEW INSTALLATION PICTURES

ORDERING INFORMATION

Standard Model - SS FLOW_VFM_Line Size				
Meter Type	1. Insertion		Output	1. 4 to 20 mA
	2. Inline			2. Relay
Operating Temperature	1. Upto 150°C		Communication	3. Others
	2. Upto 250°C			1. RS485 Modbus RTU
	3. Upto 350°C		Ingress Protection	2. HART
	4. Upto 450°C			1. IP 65
Operating Pressure	1. Upto 16 bar		Enclosure Type	2. IP 67
	2. Others			1. Flame Proof
Display Type	1. Integral		Compensation	2. Non - Flame Proof
	2. Remote			1.No
	3. Field mounting		Test Certificate	2. Yes
Power Supply	1. 24 V DC			1. Factory Certificate
	2. 240 V AC			2. Nabl Traceability

Due to continuous developments, specifications are subject to change without prior notice

HEAD OFFICE:

B, 604, BLOSSOM BUILDING, COSMOS ORCHID BEHIND PARSVANATHA, COLLEGE, GB ROAD, KASARWADAVLI, THANE WEST 400615

WORKS:

GATE NO. 1161, H NO. 1161, KOREGAON (B) PUNE,
NEAR MORAYA HOSPITAL , TAL-SHIRUR, DIST-PUNE , 412216 (MH) INDIA

PHONE: +91 91365 90370, EMAIL: SSAINSTC@GMAIL.COM

URL: WWW.SSAUTOMATIONINST.IN



SS FLOW
A NEVER ENDING JOURNEY