

SHM VORTEX-TP FLOW METERS

Digital Vortex with Temperature & Pressure Sensor Steam/ Gas/ Liquid Meter -40 - 250°C
Size DN 15 - DN 300 (1/2" - 12")

DESCRIPTION

SHM Vortex - TP Flow Meters : Digital Flow Meter with for Gas, Liquid & Vapor, body, shedder and sensor all made from Stainless Steel SUS 316L. Converter Housing made from epoxy coated aluminium capable in harsh process environment.

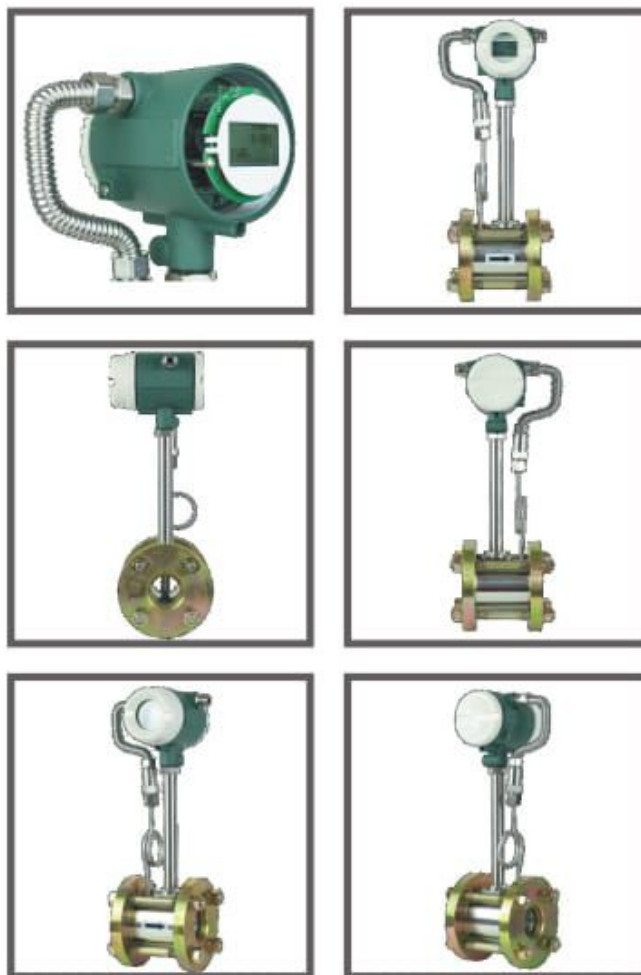
APPLICATION

SHM Vortex-TP Flow Meter series is suitable for oil, chemical industry, metallurgy, heating power, spinning, papermaking, etc. Measure over-heating / saturation vapor, compressed /ordinary air (oxygen, nitrogen, hydrogen, natural / coal gas, etc), water & liquid (petrol, alcohol, benzene, etc).

FEATURES

- DN25-200 = 4.0 Mpa, DN250-300 = 1.6 Mpa.
- Medium Temperature : -40 - 250°C, -40 - 320°C.
- Service Voltage : Sensor & Transmitter : +12V DC, +24V, Battery Supply Feed : 3.6V Battery.
- Protection Grade : IP 65, (req. IP 68).
- Environment Condition : Temp. -20 - 55°C, Relative Humidity : 5 - 90%, ATM Pressure : 86 - 106 kPa.
- Medium : Gas, Liquid, Steam.
- Signal Output : Analog 4-20mA, 0Hz-50Khz, 2 alarm outputs : high and low limit alarm communication : RS 485, RS 232, MODBUS, HART, PROFIBUS-DP.
- ISO 9001 & ISO 4064.
- Warranty 2 Years (Full Services & Spare Parts).

TECHNICAL SPECIFICATIONS



SIZE (MM)	LIQUID		GAS		DIMENSION				WEIGHT (KG)
	RANGE (M3/H)	OUTPUT FREQUENCY RANGE (Hz)	MEASUREMENT RANGE (M3/H)	OUTPUT FREQUENCY RANGE (Hz)	L (MM)	D (MM)	H (MM)	CH (MM)	
DN 15					70/90	54	325	385	10
DN 20					70/90	54	325	385	10
DN 25	1.5-10	32-214	9-55	190-1178	70/90	54	325	385	10
DN 40	2.5-25	13-130	22-200	115-1011	85	79	325	385	11
DN 50	3.5-35	9-93	36-320	96-854	85	89	330	390	12
DN 65					85	104	340	400	15
DN 80	10-100	6-65	70-628	45-402	90	119	360	420	16
DN 100	15-150	5-50	130-1100	43-367	90	139	380	440	18
DN 125					95	168	405	465	22
DN 150	40-350	4-33	280-2240	27-221	100	194	430	490	32
DN 200	80-650	3-26	580-4200	24-167	102	248	485	545	40
DN 250	120-950	3-19	970-5500	20-112	115	300	540	600	68
DN 300	180-1800	2-22	1400-8000	17-95	130	350	590	650	90