

SHM VORTEX-TP FLOW METERS

Digital Vortex with Temperature & Pressure Sensor Steam/ Gas/ Liquid Meter -40 - 250° / -40 - 350° C
Size DN 15 - DN 300 (1/2" - 12")

DESCRIPTION

SHM Vortex - TP Flow Meters : Digital Flow Meter for Gas, Liquid & Vapor. Body, shudder and sensor made from Stainless Steel SS 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

- Pressure : DN25-300 = 1.6 Mpa
4.0 Mpa (opt)
- Medium Temperature : -40-250°C, -40-350°C (opt)
- Service Voltage : 24VDC, 3.6V Battery
- Protection Grade : IP 65, IP 68 (opt)
- Medium : Gas, Liquid, Steam
- Signal Output : Analog 4-20mA, 0Hz-50Khz,
RS 485, RS 232, MODBUS,
HART, PROFIBUS-DP
- ISO 9001 & ISO 4064.
- Warranty 2 Years (Full Services & Spare Parts).



TECHNICAL SPECIFICATIONS

SIZE	LIQUID		GAS		DIMENSION				
(MM)	RANGE (M3/H)	OUTPUT FREQUENCY RANGE (Hz)	MEASUREMENT RANGE (M3/H)	OUTPUT FREQUENCY RANGE (Hz)	L (MM)	D (MM)	H (MM)	CH (MM)	WEIGHT (KG)
DN 15	0.8-6	42-1050	5-30	190-1178	70/90	54	325	385	10
DN 20	1-8	42-1050	5-30	190-1178	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	5-80	9-93	50-500	96-854	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	20-300	5-50	160-1600	43-367	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