

# SHM ELECTROMAGNETIC FLOW METERS

Digital Electromagnetic Conductive Liquid Meter Integrated Type 0 - 80°C and Separate Type 0 - 140°C  
Size DN 15- DN 2000 (½" - 80") (**BONUS = VOLTAGE REGULATOR**)

## DESCRIPTION

SHM Electromagnetic Flow Meters : Digital Flow Meter for Conductive Liquid. Tube and Flange are made from Stainless Steel, Electrode from titanium & lining from PTFE. No movable parts in this meters, simple structure, reliable. The accuracy are not affected by the change of measured medium's pressure, density, temperature, viscosity & other. Power consumption below 20w.

## APPLICATION

Widely applied in the fields of chemical, petroleum, metallurgy, food and beverage & pharmaceutical industry, water & waste water, agriculture & irrigation, paper making.

## FEATURES

- Accuracy : +/- 0.5%
- Measurement Range : 0.01-15 m/s
- Flange Connection : PN16 / PN40 / ANSI 150
- Protection Grade : IP 65, (req. IP 67, IP 68)
- Electrode material : Titanium / Hastelloy C
- Lining Material : Polytetrafluoroethylene (PTFE)
- Power Supply : AC220V / DC24V
- 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 (MM)	NOMINAL PRESSURE (Mpa)	FLOW RATE (M3/H)		DIMENSION				WEIGHT INTEGRATED TYPE (KG)	SIZE (MM)	NOMINAL PRESSURE (Mpa)	FLOW RATE (M3/H)		DIMENSION				WEIGHT INTEGRATED TYPE (KG)
		MIN FLOW 0.5 M/S	MAX FLOW 15 M/S	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)					LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)				
						SEPARATE TYPE	INTEGRATED TYPE				MIN FLOW 0.5 M/S	MAX FLOW 15 M/S			SEPARATE TYPE	INTEGRATED TYPE	
DN 15	4.0	0.31	4.24	200	95	190	265	10	DN 350	1.6	173.18	5195.40	500	520	590	670	145
DN 20	4.0	0.56	9.54	200	105	200	275	12	DN 400	1.6	226.19	6785.84	600	580	645	725	180
DN 25	4.0	0.88	16.96	200	110	210	285	14	DN 450	1.6	286.27	8588.32	600	640	695	775	215
DN 32	4.0	1.44	43.42	200		220	310		DN 500	1.6	353.42	10602.87	600	715	750	830	245
DN 40	4.0	2.26	67.85	200	150	230	320	16	DN 600	1.6	508.93	15268.14	600	840	855	940	335
DN 50	4.0	3.53	106.02	200	165	245	335	17	DN 700	1.6	692.72	20781.63	700	910	970	1055	435
DN 65	4.0	5.97	179.18	200	185	265	355	25	DN 800	1.6	904.77	27143.36	800	1025	1090	1170	545
DN 80	4.0	9.04	271.43	200	200	280	370	29	DN 900	1.6	1145.11	34353.31	900	1125	1190	1270	655
DN 100	4.0	14.13	424.11	250	235	300	390	31	DN 1000	1.6	1413.71	42411.50	1000	1255	1290	1380	810
DN 125	4.0	22.08	662.67	250		330	420		DN 1200	1.0	2035.75	61072.56	1200	1455	1530	1610	875
DN 150	4.0	31.08	954.25	300	300	360	450	41	DN 1400	1.0	2770.88	83126.54	1400	1675	1740	1820	1235
DN 200	1.6	56.54	1696.46	350	340	420	505	45	DN 1600	1.0	3617.11	108573.44	1600	1915	1950	2050	1555
DN 250	1.6	88.35	2650.71	400	405	480	560	50	DN 1800	0.6	4580.44	137413.26	1800	2045	2170	2250	2085
DN 300	1.6	127.23	3817.03	500	460	530	610	60	DN 2000	0.6	5654.88	169646	2000	2265	2380	2460	2610