

ELECTROMAGNETIC INSERTION FLOWMETER

MUT 1222

Ref. : MUT1222

Rev. : Initial

Date : 26/09/2016



PA Ventiler AB

GO WITH OUR FLOW

APPLICATION

These sensors are typically used in the measure of potable or recycled water, industrial waste water, industrial process liquids, mud and concretes.

GENERAL CHARACTERISTICS

Delivering highly accurate bi-directional measurement for water distribution and raw water pipelines.
Can be used as a portable or a dedicated / permanent instrument.
2 electrodes in stainless steel, handle grips with flow direction
Compact MC608 software with LED screen. Voltage 90-265 VAC.
Aluminium case IP68. 4-20mA output + RS485 MODBUS output
IRCOM interface. Maximum working temperature: 80°C.
Suitable for piping from DN40 to DN1000.

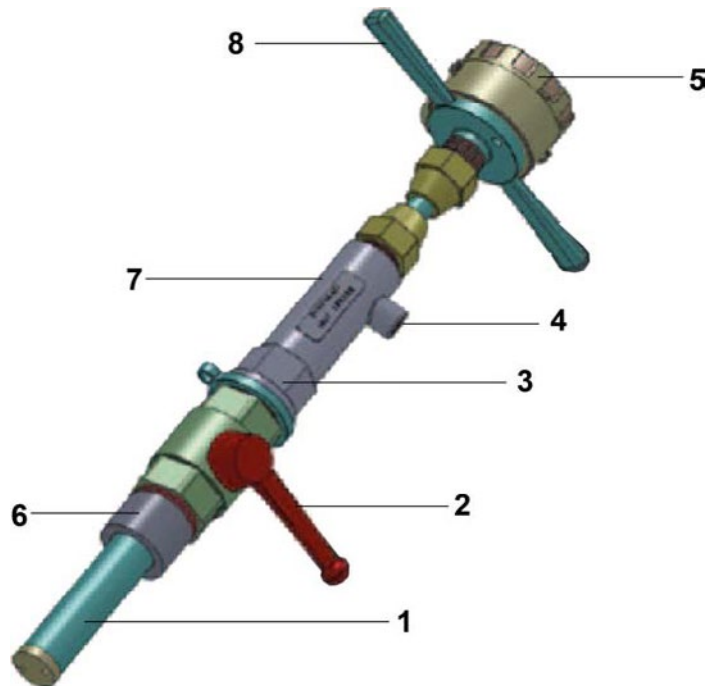
CONSTRUCTION

9	Insertion arms
8	Insertion nut
7	Guide
6	Sleeve
5	Connection box
4	Input connection for pressure gauge
3	Nut
2	Ball valve 1"
1	Probe 12 mm
Pos.	Description



FLOW RATE (m3/h)

DN	VELOCITY m/s			
	0,05	0,5	3	5
40	0,23	2,26	13,56	22,61
50	0,35	3,53	21,19	35,33
65	0,6	5,97	35,83	59,71
80	0,9	9,04	54,27	90,45
100	1,41	14,13	84,79	141,33
125	2,21	22,08	132,49	220,82
150	3,17	31,81	190,8	317,99
200	5,65	56,53	339,19	565,31
250	8,83	88,33	529,98	883,3
300	12,71	127,2	763,17	1271,95
350	17,31	173,13	1038,76	1731,27
400	22,61	226,12	1356,75	2261,25
450	28,62	286,19	1717,14	2861,9
500	35,33	353,32	2119,92	3533,21
550	42,75	427,52	2565,1	4275,18
600	50,88	508,78	3052,69	5087,82
650	59,71	597,11	3582,67	5971,12
700	69,25	692,5	4155,05	6925,09
750	79,5	794,97	4769,83	7949,72
800	90,45	904,5	5427,01	-
900	114,47	1144,76	6868,56	-
1000	141,32	1413,28	8479,70	-



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