BONT®
Bont Technologies GmbH

BONT Electromagnetic Flow Meter

.Accuracy:±0.5% of the measurement value +0.5 m/s;

.Excellent small flow measurement accuracy, can measure duplex flow;

.Underground sensor (IP68) installed without building measuring well;

.Pipe connection: JIS 10K, JIS 20K, ANSI 150, ANSI 300, DIN PN10,DIN PN16;

.Cold, heat measure function;

.Double frequency excitation, stable zero point ;

.Self-diagnosis, intelligent work ;

.Build-in ground electrode, no need the ground ring.

Note : The flow as below is for recommended use .Consult the factory is you have special requirement .

DN	Min m^3/h	Max m^3/h
10	0.14	3
15	0.32	6
20	0.57	15
25	0.88	20
32	1.4	30
40	2.3	45
50	3.5	70
65	6	120
80	9	180
100	14	280
125	22	440
150	32	640
200	57	1100
250	88	1800
300	127	2500
400	226	4500
500	353	7000
600	509	10000
700	692	13000
1600	3617	108518
1800	4578	137344

Model & Selection

EMF-S-									
Diameter									Example :010 : 10mm ; 150:150mm ; 1600 : 1600mm
Nominal Pressure	1								0.6MPa
	2								1.0MPa
	3								1.6MPa
	4								4.0MPa
	5								Other
Connection		1							Flange Connection
		2							Clamp Connection
		3							Sanitary Connection
		4							Other
Linear Material			1						PTFE
			2						PFA
			3						F46
			4						Neoprene
			5						Polyurethane
Electrode Material				1					Contain Molybdenum Stainless Steel
				2					Hastelloy B
				3					Hastelloy C
				4					Titanium
				5					Platinum-iridium
				6					Tantalum
				7					Stainless Steel Covered with Tungsten Carbide
Structure Type					1				Integral Type
					2				Remote Type
					3				Remote Type Immerse
					4				Integral Type EX-proof
					5				Remote Type EX-proof
Power						E			220 VAC/50HZ
						G			24 VDC
Output/Communication							A		Flow Volume 4~20mA DC/Pulse
							B		Flow Volume 4~20mA DC/RS232C Communication
							C		Flow Volume 4~20mA DC/RS485 Communication
							D		Flow Volume HART Output/with communication
Converter Figure								A	Square
								B	Circular

Bont Technologies GmbH
Salzstr.1
21335 Lüneburg
www.bont-tech.com info@bont-tech.com

Authorized Distributor:-
LKS Flowsys Sdn Bhd
No.50-2,Jln Sungai Rasau D32/D,Berjaya Park, Seksyen 32,40460 Shah Alam.Selangor.Malaysia.
Tel: +603-5525 5038 Fax:+603-5124 0222 Email: info.flowsys@lkssb.com.my