

Electromagnetic Flow Meter



PRODUCT PARAMATER



Basic Parameter

Medium	Food, pharmaceutical industries such as milk, fruit juice, medicine
Diameter	DN10-DN100mm
Accuracy	±0.5%
Medium Temperature	<180 °C
Nominal pressure	1.6 Mpa
Flow rate	0.3-10m/s
Straight pipe required	Upstream ≥ 5 DN, Downstream ≥ 3DN
Electrode	316L
Canning material	PTFE(F4), Teflon FEP(F46), PFA
Installation way	Clamp on
Body Material	SUS304(standard), SUS316(optional)
Power Supply	220VAC/24VDC/Lithium battery
Signal Out	Pulse and 4-20mA
Communication	RS485, GPRS, Hart
Explosion-proof	No
Protection proof	IP65(compact type), IP67, IP68(suitable for remote type)
Work Environment	Ambient temperature: -20-+60°C Ambient humidity: 5%-90°C

PRODUCT PARAMATER



Flow rate provided shall be in consist with the following chart

Diameter		Flow Rate (m ³ /h)		
		V = 0.3m/s	V = 6m/s	V = 10m/s
(mm)	(Inch)	Min	Calibrated	Max
10	3/8"	0.1	1.7	3
15	1/2"	0.2	4	6
20	3/4"	0.3	7	11
25	1"	0.5	11	18
32	1-1/4"	0.9	17	29
40	1-1/2"	1	27	45
50	2"	2	42	71
65	2-1/2"	4	72	120
80	3"	5	109	181
100	4"	8	170	283

FWD F-		Note			
Diameter	DNXX	DN10-DN100 (mm)			
Structure		F	Remote type (with 10m cable)		
		Y	Compact type		
Electrode		S	316L		
		T	Titanium (Ti)		
		D	Tantalum (Ta)		
		H	Hastalloy C (HC)		
		P	Platinum iridium alloy		
Lining material		F	PTFE		
		A	PFA		
Body material		S4	SUS304		
		S6	SUS316		
Protection class		L0	IP65 (compact type)		
		L1	IP67 (remote type)		
		L2	IP68 (remote type)		

PRODUCT PARAMATER

Power supply	1	85-265VAC 45~400Hz	
	2	11~40VDC	
	3	Lithium battery	
Signal output	N	No output	
	A	4-20mA	
	M	Pulse output	
	P	Frequency output	
	H	HART protocol	
	R1	RS232	
	R2	RS485	
	G	GPRS	
With grounding ring/With grounding electrode		0	Without grounding ring
		1	With grounding ring
		2	With grounding electrode

Installation

Flow rate provided shall be in consist with the following chart

