

Specification for Magnetic Flowmeter

Flow Tube

1	Material of Construction	SS304
2	Working Principal	Magnetic Flowmeter
3	Electrodes Material	Hastolly - C
		No of Electrodes : 02
4	Liner Material	PTFE
5	Electrode Design	Flat elliptical elctrodes , solidly fitted,surface - polished
6	Thickness of Liner Material	3mm
7	Ambinent Temperature	10 to 60 Degree Centigrade
8	Process temperature	10 to 60 Degree Centigrade
9	Conductrivity	>=05µS/cm
10	Line Size	DN 250
11	Flow rate	400 m ³ /hr
12	Line Pressure	6kg/cm ² to 10kg/cm ²
13	Application	Efflunet Water
		pH: 2 to 6
		Solids : 1% to 2%
14	Flages Conection	ANSI 150 Drilled to ANSI 16.5
15	Flange Material	Steel ASTM A 105
16	Inlet / Outlet run required	Vendor to specify
17	Terminal box	Die cast aluminium
18	Protection Category	IP 68
19	Accessories	Suitable grounding rings (Moc : SS316)
		Nut Bolts : (Moc : SS316)
		DS cable : 40 feet

Signal Converter

1	Type	Remote type microprocessor based transmitter
2	Material on Construction	Die cast aluminium with polyurethane finish
3	Mounting	Wall mounted housing
4	Local Display	Backlit LCD display (16 charcter ,Dot Matrix alpha numeric display)
5	Display Function	Actual flow rate,forward,reverse and sum totalizers (8 digit) or 16 character bargraph with percentage indication and status message.
6	Protectioc Category	IP 68
7	Current output	4-20mA
8	Power Supply	220 V Ac / 50 Hz

ake : Siemens,E& H,Krone Marshall,Emerson,ABB,Honeywell