

AQUAMEAS INST PVT LTD		DATA SHEET FOR ELECTROMAGNETIC FLOW METER FULL BORE TYPE	DS No	INST/AZ/04	
Checked by	DSS			REV	0
Approved by	KPJ			Date	11/27/2010
Revision details					
Rev No	Date	Revision Description			
Sr No	Particular	Description			
A) General specifications					
1	Make	As per approved vendor list			
2	Range	25 mm to 1200 mm			
3	Accuracy of flow measurement during FAT	± 0.5% of measured value			
4	Overall accuracy of flow measurement loop.	± 1.0 % of measured value			
5	Version	Remote /Integral			
6	Battery Life	Upto 4-5 Years			
B) Flow tube / flow sensor					
2	Type	In line full bore electromagnetic			
4	Process connection	Flanged /wafer Type			
5	Weather Protection Class	IP 68 as per IS 13947			
6	Pressure Range	Upto 10kg/cm ²			
7	Temperature Range	Upto 70δ C			
8	Material of Construction				
	Electrodes	Hastloy			
	Coil Housing	carbon steel /SS			
	Flanges	carbon steel/SS			
	Grounding ring	SS 316			
	Flow tube Lining	Hard Rubber			
C) Flow Transmitter Unit					
1	Type	Microprocessor based with facility to configure the ranges			
2	Type of display	8 digit backlit LCD / LCD Index, Menu and status symbols for dedicated information			
3	Units of display	Flow rate -m ³ / hr , m ³ /d, l/s, l/min - programmable Volume – m ³ x 100, l x100, Gx100 , MGx1000 etc. - programmable			
4	Input	From flow tube			
5	Output				
		Digital	pulse output for total flow		
6	Power supply	12 V24V AC/DC (10...32V) 2A ; 115.....230VAC (85.....264) 2 VA Both mains power supply systems are upgradable for battery back up via internal D- Cell(3.6 V 16.5Ah) or external connection to mains supply(without cable Plug)			