

AQUAMEAS INST PVT LTD		DATA SHEET FOR ELECTROMAGNETIC FLOW METER FULL BORE TYPE	DS No	INST/AZ/01	
Checked by	DSS			REV	0
Approved by	KPJ			Date	#####
Revision details					
Rev No	Date	Revision Description			
Sr No	Particular	Description			
A) General specifications					
1	Range	25 mm to 2000 mm			
2	Accuracy of flow measurement during FAT	± 0.5% of measured value			
3	Overall accuracy of flow measurement loop.	± 1.0 % of measured value			
4	Version	Remote /Integral			
5	Power Supply	230 VAC /24 VDC			
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	Material of Construction				
	Electrodes	Hastloy			
	Coil Housing	carbon steel			
	Flanges	carbon steel			
	Grounding ring	SS 316			
	Flow tube Lining	Hard Rubber /EPDM /Neoprene			
C) Flow Transmitter Unit					
1	Type	Microprocessor based with facility to configure the ranges			
2	Type of display	4 digit backlit LCD / LCD , for flow rate in m ³ /hr. 8 digit backlit LCD / LCD for totalized flow in ML			
3	Units of display	Flow rate -m ³ / hr - programmable Totalized flow – ML - programmable			
4	Input	From flow tube			
5	Output	Analogue	4-20 mA DC (isolated) proportional to flow rate		
		digital	pulse output for total flow		
6	Power Supply	24 V DC			
7	Zero and Span Adjustment	provided			
8	Weather Protection Class	IP 65 as per IS 13947			
9	Battery backup for totalized flow	provided (for more than 8 hrs)			