Questionnaire for Flow Measurement according to the Differential Pressure Method



orifice plate detected by	isuring the flow rates of liquids, gases or steam, the e assembly produces a differential pressure, which is a flow or differential pressure meter. orifice plate assembly accordingly, SAMSON requires	certain operating data to be entered. In this questionnaire, please check all applicable fields \square , cross out any inapplicable dimensions and specify relevant pressures as absolute pressure \mathbf{p}_{abs} only (in bar).	
Flow medium			
Maximum flow rate to be measured		kg/h, m³/h, Nm³/h	
In reference to: Operating conditions Normal conditions at 20 °C and 1 bar at 0 °C and 1 bar			
Pressure upstream of the orifice plate assembly (operating pressure) Temperature at the point of measurement (operating temperature)		bar °C	
	Density under operating conditions	kg/m³	
For	Density at 20 °C and 1 bar	kg/m ³	
liquids	Viscosity under operating conditions	cP, cSt	
For	Density under operating conditions	kg/m³	
gases	Density at 0 °C and 1013 mbar	kg/m³	
Actual inside diameter of pipe at the point of measurement (no nominal size).		mm	
Arrangement according to the indicated diagram (see overleaf). Please enclose sketches if the system does not correspond to one of the diagrams indicated.			
Differential pressure at maximum flow rate. Omit this specification if the associated device is delivered by SAMSON.		mbar	
Flow rate so Special sca	cale 0 to 100 % le 0 to kg/h		
ореста эса	0 to m ³ /h 0 to		
Completed	by	Date	
Refers to or	der		
Order		Signature	

Associated Information Sheet

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Arrangements (diagrammatic) · In particular cases, observe the mounting and operating instructions of the Media device!				
	Liquid measurement	Steam measurement	Gas measurement	
Normal installation				
	Diagram 1	Diagram 2	Diagram 3	
Reverse installation				
	Diagram 4	Diagram 5	Diagram 6	

Include sketches in the case of deviating arrangement

