Questionnaire for calculation of a primary differential pressure device to DIN EN ISO 5167-1



Tag (e.g. measuring-p	point number):		 	
When manufacturing	m pressure g without the pressure cope of the pressure equ	□ psi; Design te □ □ bar □ psi at equipment directive, it is	mperature (TS): TS essential to specify the rea	
☐ Liquid☐ Vapor ⇒☐ Gas ⇒	overheated;	saturated ρ ₁ ; moist	☐ saturated t ₁ ;	☐ steam
Operating temperatu	h: pstream side plus atmos ure t ₁ : kg/m³ Pa · s	pheric pressure at location • • • • • • • • • • • • • • • • • • •	Design temperature (TS):	·
Boiling temperature	(t ₁):(only for gas and vapor) Specific gas constant Relative humidity:	: ©°C	□ psi □ ° F Z ₁ :	(without data: Z _{n,1} = 1)
Material of primary de Material of pipeline: Pipe roughness: Internal pipe diamete		· · · · · · · · · · · · · · · · · · ·	Material no.: Material no.:	
Primary device: Orifice Nozzle Venturi tube other	⇒ ☐ Corne ⇒ ☐ ISA 19		lius Quarter circle	Segmental dev. Venturi ε:
Calculation of:		☐ "d";	diff. pressure;	flow
Design:		2/3 max. flow;		max. flow
Max. flow:			/h (volume flow f	all media) or liquids and gases) or gases at standard cond.)
Differential pressure Orifice hole "d": Max. permanent pres	sure loss:	mbar mm Ind		
		% (without data: 0 %) pressure tional uncer.	; diff. pressure	;
For clarification of a Name:		ক	Fax:	

Note: The delivery time will be delayed if the data are incomplete.