

PRELIMINARY QUESTIONNAIRE - DEFINITION OF A DP PRIMARY ELEMENT

Company		Contact name & phone	
Project name		New project <input type="checkbox"/>	or Maintenance <input type="checkbox"/>
Application		Tag number	

FLUID

Fluid nature

State**

 Gas Liquid Steam

** at operating conditions

The below values are based on following conditions :

 standard conditions (base) operating conditions

OPERATING CONDITIONS

	Unit	Min.*	Nominal	Max.*	Note
Flow					
Temperature					
Pressure					<input type="checkbox"/> relative <input type="checkbox"/> absolute
Viscosity					

IF GAS :

Compressibility factor Z	
Isentropic exponent Cp/Cv	

SI MIXTURE :

	Unit	Min.*	Nominal	Max.*	Mixture composition
Density or molecular weight (gas)	kg/Nm ³ kg/kmol				

PIPE

Material	<input type="text"/>
ND <input type="text"/> NP (rating)	<input type="text"/>
Internal diameter or SCH	<input type="text"/>
Face type RF <input type="checkbox"/>	RTJ <input type="checkbox"/>
Straight lengths available	<input type="text"/>






TRANSMITTERS

ΔP max known*	<input type="text"/>	mbar
ΔP unknown, ask for Deltafluid support	<input type="checkbox"/>	
Max residual pressure loss*	<input type="text"/>	mbar
Transmitter : remote <input type="checkbox"/>	not remote <input type="checkbox"/>	
Temperature sensor : with <input type="checkbox"/>	without <input type="checkbox"/>	

Additional information

flanges, manifold, process connection...

PRIMARY ELEMENT

Orifice plate <input type="checkbox"/>	Flanges + orifice plate <input type="checkbox"/>  Flange taps (25/25)
Monobloc <input type="checkbox"/>	Radius taps (D - D/2) <input type="checkbox"/> 
Compact <input type="checkbox"/>	Venturi tube <input type="checkbox"/> 
Meter run <input type="checkbox"/>	Nozzle <input type="checkbox"/> 
Pitot tube <input type="checkbox"/>	Others - to be specified <input type="checkbox"/> 

* grey cells are optional