

DP Flow Specification Sheet

00815-0100-4485, Rev AA
2013

DP Flow Transmitters

		DP Flowmeters				SHEET _____ OF _____		
		NO	BY	DATE	REVISION	SPEC. NO.	REV.	
						CONTRACT		DATE
						REQ. - P.O.		
						BY	CHK'D	APPR.
	Tag Number							
	Service							
	Line No./ Meter Location							
Fluid	Line Size and Pipe Schedule <u>OR</u>							
	Pipe ID and Wall Thickness							
	Pipe Material							
	Pipe Orientation							
	Fluid							
	Fluid State							
	Max Flow							
	Normal Flow							
	Normal Pressure							
	Normal Temp.							
	Base Pressure							
	Base Temp.							
	Specific Gravity at Base							
	Operating Specific Gravity							
	Mol. Weight	Cp/Cv						
	Operating Viscosity							
	Quality % or Superheat							
Base Press	Base Temp.							
Select Primary Element	Check one and fill in corresponding information below: <input type="checkbox"/> Orifice Plate <input type="checkbox"/> Averaging Pitot Tube <input type="checkbox"/> Other: _____ Integral Temperature <input type="checkbox"/> Yes <input type="checkbox"/> No							

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Orifice Primary Element	Check one:				
	<input type="checkbox"/> Standard (one hole plate)				
	<input type="checkbox"/> Conditioning (multi-hole plate)				
	Beta = d/D				
	Orifice Bore Diameter				
	Line ID				
	Plate Material				
	Vent or Drain Hole				
	Plate Thickness				
	Connection Type				
	Plate Type				
	Tap Type				
	Flange Type				
	Flange Rating				
Flange Material					
Standard (AGA, etc)					
Averaging Pitot Tube Primary Element	Line ID				
	Sensor Material				
	Mounting Style _____				
	Check all that apply:				
	<input type="checkbox"/> Wafer Style				
	<input type="checkbox"/> Compression Sealing Mechanism				
<input type="checkbox"/> Opposite Side Support Required					
<input type="checkbox"/> Flanged - Flange Rating _____					
<input type="checkbox"/> Threaded					
<input type="checkbox"/> Hot-Tap					
Other Primary Element	Body Material				
	Wetted Material				
	Pressure Rating				
	Tap Type				
	Beta Ratio				
	Bore Size				
	Throat Size				
	Flow Coefficient				
	Standard/Approvals				
Other Information:					
Transmitter Mounting	Check one:				
	<input type="checkbox"/> Direct Mount				
<input type="checkbox"/> Remote Mount					
Secondary Instrument	Secondary Instr. Tag				
	Transmitter Type – Check one and fill out the corresponding calibration information below:				
	<input type="checkbox"/> Mass or Energy Flow ⁽¹⁾ - Compensation Level _____				
<input type="checkbox"/> Differential Pressure					

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Flowmeter Calibration	Differential Pressure LTV=_____ UTV=_____ Units=_____
	Pressure LTV=_____ UTV=_____ Units=_____
	Temperature LTV=_____ UTV=_____ Units=_____
Notes	

(1) Transmitter that provides real-time fully compensated mass, energy, and totalized flow by measuring differential pressure, static pressure, and process temperature