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SITRANS Hydrocarbon Clamp-On Flowmeter Application Data Sheet

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Instructions: Navigate through the form using the TAB key or mouse. To select a checkbox, click with mouse or press the SPACEBAR. To select units, click and choose from drop-down menu.

Requestor Information		**Customer Information**		**End-User Information**	
Company Name:		Company Name:		Company Name:	
Requestor Name:		City:		City:	
Phone:		State*:		State*:	
E-mail		Country*:		Country*:	

Selected Part Numbers:

Process Information

Liquid Data:

Name or Description	**Viscosity @ Temp** ☐ ºF ☐ ºC	**S.G. or API @ Temp** ☐ ºF ☐ ºC	**Sonic Velocity** (if known)	**Temp Range** ☐ **ºF** ☐ **ºC** Min Typ Max	**Pressure @ zero flow** ☐PSI ☐BAR	**Pressure @ Nominal Flow** ☐PSI ☐BAR	**% Solids or Gas**
	@	@					
	@	@					
	@	@					
	@	@					
	@	@					
	@	@					
	@	@					
	@	@					

Process:

☐ Interface ONLY ☐ Flow and/or Interface		Flow Volume Units: Choose
Flow Rate:	Min: Typ: Max:	Flow Time Units: Choose
The Flow is:	☐ Continuous ☐ Pulsing ☐ Single Direction ☐ Bi-Directional	

☐ Flow Units to be Gross Volume (uncompensated) <or> ☐ Net Volume (temperature compensated)

If Pulsing, describe on/off times or batch sizes:	Time on: Time off:

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Installation

Pipe Data:

Actual Outside Diameter: ____ ☐ in ☐ mm <OR> Nominal Pipe Size ____ ☐ in ☐ mm

Pipe Material: Choose Other:	Schedule: Choose Other:
Pipe Wall Thickness: ____	Class: Choose Other:
Liner Material: Not Applicab Other:	Liner Thickness: ____ ☐ in ☐ mm

Flow Sensor Location:

Straight run in pipe diameters:	Up stream:	Down stream:	
Length of unobstructed pipe:	____ ☐ ft ☐ m	Both sides of pipe accessible?	☐ Yes ☐ No
Pipe Orientation:	☐ Horizontal ☐ Vertical ☐ Inclined	Direction of flow for vertical / inclined:	☐ Up ☐ Down
Full Pipe?	☐ Yes ☐ No ☐ Intermittent		

Flow Sensor Data:

Type: (Choose all applicable)	☐ Submersible ☐ Dedicated ☐ Portable Other: ____
Sensor Type:	☐ Standard Sensor (Aluminum head) ☐ Corrosion Resistant (S.S. head)
Sensor Mounting:	☐ Standard mounting frames ☐ Stainless Steel enclosures
Will sensors be located:	☐ Indoors ☐ Outdoors — Will sensors be installed in a hazardous area? ☐ Yes ☐ No
If yes, Agency and Area Rating	☐ FM/CSA: Choose ☐ CENELEC Zone: Choose Protection type: Choose Other

Cables:

Length from transducer to flowmeter:	____ ☐ ft ☐ m	Type: Choose	Other:

Transmitter

Will flow transmitter be installed in a hazardous area?	☐ Yes ☐ No	**Input Power:** Choose	
If yes, Agency and Area Rating:	☐ FM/CSA Choose	☐ CENELEC Zone: Choose	Protection type: Choose Other:
Temperature @ Flow Transmiter:	Min: ____ Typ: ____ Max: ____ ☐ ºF ☐ ºC		

Communications Channel #1:	**Outputs required - Channel #'s: 2, 3 & 4**	
☐ HART 4-20mA - Non-approved (Active/Passive)	☐ Non-approved (Active/Passive)	4-20mA Qty: freq Qty: pulse Qty: relay
☐ HART 4-20mA – EX-approved (Active)	☐ EX-approved (Active)	4-20mA Qty: freq Qty: pulse Qty: relay
☐ HART 4-20mA – EX-approved (Passive)	☐ EX-approved (Passive)	4-20mA Qty: freq Qty: pulse Qty: relay
☐ Modbus RTU (RS485) EX-approved		

Calibration			
Calibration type required:	☐Standard ☐Intrinsic Certification ☐ Actual Flow, 6-point calibration		
Accuracy Required :	+/- ____% of ☐ Span ☐ Flow	Special Requirements:	

Disclaimer

The information contained in this data sheet is believed to be accurate; however, we do not assume any responsibility for errors or any liability arising from the application or use of any product herein. This data sheet neither states nor implies warranty of any kind, including fitness for any particular application.

Insert a photo or a sketch of the application, if available: Simply copy and paste into this table. Bitmaps should be no larger than 640 X 48

0 Pixels.