

Instructions: Please fill out the fields in      color. Any field with a      block is a required field.

## GE Sensing Steam Flowmeter Application Data Sheet

### Contact Information

<b>Name:</b>		<b>Phone:</b>	
<b>Company:</b>		<b>Fax:</b>	
<b>Address:</b>		<b>E-mail:</b>	
<b>Installation Address:</b>			
<b>Account Manager/Sales rep (if known)</b>			

### Process Data

<b>Tag Number(s):</b>							
<b>Steam Quality</b>	<input type="checkbox"/> Saturated	<input type="checkbox"/> Superheated	<input type="checkbox"/> Wet				
<b>If wet, quality factor or moisture content:</b>							
<b>Other Gases Present (Vol%):</b>							
<b>Flow Rate:</b>	Units:	Minimum:	Nominal:	Maximum:			
<b>Viscosity:</b>	Units:	Minimum:	Nominal:	Maximum:			
<b>Density:</b>	Units:	Minimum:	Nominal:	Maximum:			
<b>Pressure:</b>	Units:	Minimum:	Nominal:	Maximum:			
<b>Temperature:</b>	Units:	Minimum:	Nominal:	Maximum:			
<b>Liquid Droplets:</b>	<input type="checkbox"/> NO	<input type="checkbox"/> YES	If yes, please specify % by volume:				
<b>Suspended Solids:</b>	<input type="checkbox"/> NO	<input type="checkbox"/> YES	If yes, please specify % by volume:				

### Transducer/Flowcell Installation

<b>Pipe Details</b>	<b>Pipe Material:</b>	<b>Pipe Size:</b>	<b>Wall Thickness/Pipe Schedule:</b>
	<b>Pipe Lining:</b>	<b>Flange Rating:</b>	
<b>Approximate straight run of pipe:</b>	Upstream:	Downstream:	<i>Gases: 20 Upstream, 10 Downstream Recommended</i>
<b>Flowcell Required:</b>	<input type="checkbox"/> NO <input type="checkbox"/> YES (If Yes, complete FLOWCELL APPLICATION DATA SHEET)		
<b>Transducer Location:</b>	<input type="checkbox"/> Indoors <input type="checkbox"/> Outdoors		
	<input type="checkbox"/> Non Hazardous <input type="checkbox"/> Hazardous		
	If Hazardous, specify area rating:		
	Special Requirements:		

### Measurement Parameters

<b>Flow Measurement:</b>	<input type="checkbox"/> Actual Volumetric	<input type="checkbox"/> Std Volumetric	<input type="checkbox"/> Mass Flow
<b>Analog Output:</b>	<input type="checkbox"/> 0 to 20 mA	<input type="checkbox"/> 4 to 20 mA	<input type="checkbox"/> Other <small>Type other output</small>
	<input type="checkbox"/> Foundation Fieldbus	<input type="checkbox"/> HART	<input type="checkbox"/> Modbus/RS485
	<input type="checkbox"/> Ethernet	<input type="checkbox"/> OPC Server	<input type="checkbox"/> PanaView/RS232
<b>Analog Inputs:</b>	<input type="checkbox"/> 4 to 20 mA	<input type="checkbox"/> Direct RTD	
<b>Analog Output:</b>	<input type="checkbox"/> 0 to 20 mA	<input type="checkbox"/> 4 to 20 mA	<input type="checkbox"/> RS232
<b>Frequency/Pulse Output:</b>	<input type="checkbox"/> Forward	<input type="checkbox"/> Reverse	<input type="checkbox"/> Remote <input type="checkbox"/> None
<b>Alarms:</b>	<input type="checkbox"/> None	<input type="checkbox"/> Standard	<input type="checkbox"/> Hermetically Sealed
<b>Quantities of each I/O:</b>			

### Electronics Requirements

<b>Area Classification:</b>	<input type="checkbox"/> Non Hazardous	<input type="checkbox"/> Hazardous
<b>If Hazardous (Fill out Further Info)</b>	If Hazardous, specify area rating:	
<b>Electronic Housing Requirements:</b>	<input type="checkbox"/> Weatherproof, corrosion-resistant NEMA 4X	<input type="checkbox"/> Explosionproof NEMA 7
<b>Console Installation:</b>	<input type="checkbox"/> Indoor	<input type="checkbox"/> Outdoor
<b>Ambient Conditions (Corrosive gas, temperature, humidity):</b>		
<b>Cable Distance from electronics to transducers (1,000 ft maximum):</b>		
<b>Power Available:</b>	<input type="checkbox"/> 100/120 VAC	<input type="checkbox"/> 220/240 VAC <input type="checkbox"/> 12 to 24 VDC
<b>Desired Accuracy (% of reading):</b>		
<b>Desired Repeatability (% of reading):</b>		
<b>Surge (Lightning Protection):</b>	<input type="checkbox"/> Transducer Connection	<input type="checkbox"/> Mains Power
	<input type="checkbox"/> 4 to 20 Output	<input type="checkbox"/> 4 to 20 Input
<b>Special Requirements (data logging, remote, totalization, calibration, etc.):</b>		

**Insert Nonproprietary Isometric or Sketch of Installation below or Attach PDF of Isometric as a separate file**