

SIEMENS

Application Data Sheet SITRANS General Clamp-on Flow Meter

Siemens Energy & Automation manufactures a complete line of flow meters for homogenous fluids as well as slurries or liquids containing entrained gasses. Completing this form will allow Siemens Application Engineers to recommend the most suitable system for your company's application.

Use the tab key or arrow keys to navigate the form fields.

- **Company Name:** _____
- **Street:** _____
- **City:** _____
- **State/Province:** _____
- **Postal code/Zip:** _____
- **Country:** _____

- **First Name:** _____
- **Last Name:** _____
- **Phone:** _____
- **Fax:** _____
- **Email:** _____
- **Date:** _____ MM/DD/YY

Pipe Data: Check here for multiple pipes:

- **Actual Outside Diameter:** _____ Inches mm
- <OR> **Nominal Pipe Size:** _____ Inches mm
- **Wall Thickness:** _____ Inches mm

- **Pipe Material:** Choose If Other: _____
- **Schedule:** Choose If Other: _____
- **Class:** Choose If Other: _____
- **Liner Material:** Not Applicable If Other: _____
- **Liner Thickness:** _____ Inches mm

Liquid Data:

- **Liquid Name/Description** _____
- **Temp Range:** Min: _____ Max: _____ Typ: _____ °F °C
- **Pressure @ zero flow:** _____ BAR PSI

- **Viscosity** _____ @ Temp: _____ °F °C
- **S.G. or API:** _____ @ Temp: _____ °F °C
- **Pressure @ Nominal Flow:** _____ BAR PSI
- **Solids or Gas:** _____% (If Applicable)
- **Particle Size (If Known):** _____

Transducer Location:

- **Straight run in pipe diameters...**
Up stream: _____ Down Stream: _____
- **Pipe Orientation:** Horizontal Vertical Inclined

- **Full Pipe?** Yes No Intermittent
- **Direction of flow for Vertical/Inclined:** Up Down

Process:

- **Flow Volume Units:** Choose
- **Flow Time Units:** Choose
- **Flow Rate:** Min: _____ Max: _____ Typ: _____

- **The Flow is...** Continuous Pulsing
Single Direction Bi-Directional
- **If Pulsing, describe on/of times or batch sizes...**
Time on: _____ Time Off: _____

SIEMENS

Application Data Sheet SITRANS General Clamp-on Flow Meter

▪ **Will Flow Computer be installed in a hazardous area?**

Yes No

▪ **If yes, Agency and Area Rating:**

FM/CSA Choose

CENELEC Zone: Choose Protection Type: Choose

Other _____

▪ **Input Power:** Choose

▪ **Temperature @ Flow computer:**

Min: _____ Max: _____ Typ: _____ °F °C

▪ **Outputs, Enter number or type of each output type required:**

4-20ma: N/A 0-10V: N/A Relay: Choose Pgen: N/A

Digital Communications: N/A

Transducers:

▪ **Type, Choose all applicable:** Corrosion Resistant

Submersible Dedicated Portable

▪ **Will transducers be exposed to sunlight?**

Yes No

▪ **Will transducer be installed in a hazardous area:**

Yes No

▪ **If yes, Agency and Area Rating:**

FM/CSA Choose

CENELEC Zone: Choose Protection Type: Choose

Other _____

Mounting Tracks:

▪ **Both sides of pipe accessible?** Yes No

▪ **Length of unobstructed pipe:** _____ Ft Meters

Cables:

▪ **Length from transducer to flow-meter:** _____ Ft Meters

▪ **Type:** Choose If Other: _____

Calibration:

▪ **Calibration type required:** Choose

▪ **Accuracy Required:** +/- _____ % of Span: Flow:

▪ **Special Requirements:** _____

Additional Comment:

SIEMENS

Application Data Sheet

SITRANS General Clamp-on Flow Meter

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 480 Pixels.