

Flow Measurements

Application Information Form

General Information

Company: _____ Date: _____

Address: _____

Phone/fax/e-mail: _____

Number of systems: _____

End user: _____

Performance Requirements

Will the gauge be used for flow rate indication/control mass flow of gas
 total fluid other

Span: From ____ to ____ ft/sec gal/min million gal/day scfm

Accuracy required: \pm _____ % of range ; or \pm _____ % of reading

Under normal conditions (i.e. not during maintenance, etc) is the pipe:

always full normally full partially full more than 1/2 empty

Process Information

Process material: _____

Is the process a slurry solution gases _____

Liquid phase of slurry or solvent (name): _____

Gas phase of fluid (name): _____

% by volume gases: _____

Pipe size, schedule _____ OR Pipe OD _____, Pipe ID _____, Wall thickness _____ in mm

Pipe material: _____

Pipe liner material: _____ Thickness: _____

Transducers

Temp range: °C °F From _____ to _____

Cable length required from transducers to transmitter: _____ ft m

(maximum is 100 ft/30.5 m)

Transmitter

Enclosure rating: NEMA 4 NEMA 4X other _____

Displays needed (check all that apply):

Flow LED Totalizer output LED Flow LCD 2nd flow LCD

Power requirements: 120 VAC 220VAC

Inputs and Outputs

Outputs:

- One 4-20mA output
- more 4-20mA outputs _____ (#)

Totalizer spans:

- One totalized span; units per count: _____
- More totalized spans _____ (#)
- None required

Relay outputs:

- One relay output
- More relay outputs _____ (#)
- None required

Remote totalizer

- Yes, user supplied
- Yes, supplied by Thermo MeasureTech (specify) _____
- None required

Density input:

- Thermo MeasureTech density detector without transmitter, for mass flow _____

Additional Comments

Tel or Fax this form to

TEL:714-866-8070

For more information or help with this form

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