Honeywell

VersaFlow Coriolis Meter
Application Analysis Form

2/14/11

Please complete this form as much as possible. Fax or e-mail it to Honeywell or our local representative in your area. We will be happy to offer the instrument that is best suited for your application. Move to the next field using the mouse. When done, save the document under a new file name using "Save as" under File menu

Name: _____ Date: _____

Title: _____ Phone: _____

Company: _____ Fax: _____

Address: _____ E-Mail: _____

City: _____ State & Zip: _____

Process Data

☐ Liquid ☐ Gas

Fluid/Gas Composition:

_____

Flow Rate: ☐ Continuous ☐ Pulsing If Pulsing, type of pump: _____

Batch Control: On/Off Times or Batch Size: _____

Flow Rate:	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Viscosity:	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Density:	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Specific Gravity	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Molecular Weight	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Pressure	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Temperature	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____
Ambient Temp	Units	_____	Minimum	_____	Nominal	_____	Maximum	_____

Solid Particles: ☐ No ☐ Yes Particle Size: _____ % Solids: _____ ☐ by Volume ☐ by Mass

Abrasiveness: ☐ Low ☐ Medium ☐ High

Gas/Entrained Air: (If Liquid Application) ☐ No ☐ Yes % by Volume: _____

Liquid Droplets: (If Gas Application) ☐ No ☐ Yes Type and % by Volume: _____

Is Fluid Compatible with: ☐ Stainless Steel ☐ Tantalum ☐ Hastelloy C ☐ Titanium

CIP or SIP: ☐ No ☐ Yes Please describe: _____

Pipe Specs: OD: _____ Units (inches, mm, etc.) _____ Schedule: _____ Wall Thickness: _____ Material: _____

Preferred Connection:
☐ ANSI Class 150 RF, Size_____ ☐ PN16, Size _____ ☐ PN40, Size _____ ☐ PN63, Size_____
☐ ANSI Class 300 RF, Size_____ ☐ PN100, Size_____ ☐ PN160, Size_____
☐ Sanitary, Quick Disconnect, Size_____ Describe Sanitary Conn: _____
☐ Other, Describe_____

Liquid/Steam Heating Jacket: ☐ No ☐ Yes (with Titanium and 318 Stainless Steel)

Purge Fittings: ☐ No ☐ Yes

Sensor Surface Finish: ☐ Standard ☐ Polished RA 0.5 µm (with Titanium and 318 Stainless Steel)

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Electronics Requirements

Hazardous Area: ☐ General Purpose ☐ Hazardous

If Hazardous: Class: _____ Group: _____ Division: _____

Agency Approvals: ☐ FM ☐ CSA ☐ EHEDG ☐ 3A ☐ ASME ☐ Bio-processing Equipment ☐ STD ☐ Other: _____

Mounting: ☐ Integral ☐ Remote If Remote, required cable distance _____ (ft or m) (30ft/10m standard/ 1000ft/300m maximum)

Supply Voltage: ☐ 110/115/ 120 VAC ☐ 24 VDC ☐ 100 VAC ☐ 200VAC ☐ 220/230/240 VAC

Desired Measuring Functions:

Standard: ☐ Mass Flow Rate, Totalized Mass, Density, Referred Density, Temperature, Volumetric Flow, Totalized Volume

Optional:
- ☐ Brix
- ☐ General Concentration
- ☐ NaOH concentration
- ☐ Baume 144.3
- ☐ Baume 145.0
- ☐ Plato
- ☐ Other, describe

Output/Communications Options

TWC 9000 (Hazardous or Non-Hazardous Design) (Choose one)

- ☐ 1 x 4-20 mA, 1 x Pulse, 1 x Control Input, 1x Status Output – Hart (Standard)
- ☐ 1 x 4-20 mA, Modbus (Optional)
- ☐ 1 x 4-20 mA, 1 x Control Input, 1 Dual Phase Frequency Output – HART (Optional)
- ☐ 2 x 4-20 mA, 1 x Pulse, 1 x Control Input- HART (Optional)
- ☐ 2 x 4-20 mA, 1 x Status Output, 1 x Control Input – HART (Optional)
- ☐ 3 x 4-20 mA, 1 x Pulse – HART (Optional)
- ☐ 3 x 4-20 mA, 1 x Control Input – HART (Optional)
- ☐ 3 x 4-20 mA, 1 x Status Output – HART (Optional)

TWC 9000 (Intrinsically Safe Design) (Choose one)

- ☐ 2 x 4-20 mA-HART (outputs galvanically separated from each other)
- ☐ 1 x 4-20 mA, 1 x Pulse – HART
- ☐ 1 x 4-20 mA, 1 x Control Input – HART
- ☐ 1 x 4-20 mA, 1 x Status Output – HART
- ☐ 1 x 4-20 mA, 1 x Profibus PA

Special Requirements/ Additional Comments

Please fax or email to: Honeywell, Inc. 512 Virginia Drive – Fort Washington, PA. 19034
Tel: 800-423-9883 Fax: 215-641-3400 Email: imc-tac-support@honeywell.com
www.Honeywell.com