

Instruments • Valves • Controls

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Contact: _____ Ext. _____

Name: _____

Company: _____

Street: _____

City: _____ State: _____ Zip: _____

E-mail Address: _____

Phone: (____) _____ Fax: (____) _____

 This is a: Request for Quote Order: PO# _____

Quantity Needed: _____ Date Required: ____/____/____

 Shipping Method: _____ Partials Accepted: Yes No

FC400 Coriolis Flowmeter

Application Datasheet


SIEMENS
Process Conditions

	Min.	Normal	Max.	Units
Temperature	_____	_____	_____	<input type="checkbox"/> °C <input type="checkbox"/> °F
Pressure	_____	_____	_____	<input type="checkbox"/> PSI <input type="checkbox"/> bar
Density	_____	_____	_____	<input type="checkbox"/> g/cm ³ <input type="checkbox"/> lb/ft ³

(If specific gravity value is given, be sure to give reference temperature)

	Min.	Normal	Max.	Units
Viscosity	_____	_____	_____	_____
Flow Range	_____	_____	_____	_____

Process Pipe

 Nominal Pipe Diameter _____ In. cm.

Material _____

 Pipe Lining? Yes No Material _____

 Pulsating Flow? Yes No

 Piping Geometry: Upstream Diameter: _____
 Downstream Diameter: _____

Product Selection

 Flow Tube Wetted Material: Hastelloy C22 316 Stainless Steel

 End Connection: Threaded Sanitary Flanged
 150# 300#
 600# 900#

Hazardous Area Classification:

 Sensor Area: None FM Class 1 Div 1

 Electronics: None FM Class 1 Div 1

 Flow Meter Power: 100-240VAC 24VDC

Electronics Mounting

 Integral (Compact)

 Wall (Remote) Cable Length: _____ (Max. 985 Ft)

 NPT Cable Glands: None Plastic Brass

 SS M12 Socket

Communications

 4-20mA HART

 Passive (Loop-Powered)

 Active (Powered)

 Modbus RTU (No Analog/HART)

 Accuracy: 0.1% Flow at 5Kg/m³ Density (Standard)

 0.1% Flow at 1Kg/m³ Density

 Standard Fraction (one of the below):

 %HFCS42

 Ethanol-Water 0% to 20%

 %HFCS55

 Ethanol-Water 15% to 35%

 %HFCS90

 Ethanol-Water 30% to 55%

 Ethanol-Water 50% to 100%

API Number: _____

Oeschle: _____

Balling: _____

Plato: _____

Baume Light: _____

Spec. Gravity: _____

Baume Heavy: _____

Twaddell: _____

Brix: _____

Optional Outputs: Up to 3 Total, Mix & Match

Type	# Avail.	Description
A	3 Max.	Active (Powered) 0/4-20mA or Open Collector Pulse/Frequency or Status/Error Active Digital Output
I	2 Max.	Passive Digital Input, 3-30VDC For Logic 1
R	2 Max.	Form C (NC, NO, Com) Relay Contact

 Optional Output 1 Type: A I R None

 Optional Output 2 Type: A I R None

 Optional Output 3 Type: A I R None

Certifications

 Pressure Test Certificate, CRN

 Pressure Test Certificate, PED

 Material Cert EN 10204 3.1

 Factory Cert to EN 10204 2.1

Special Instructions/Notes: