



508

V11.2013

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: _____ Partial Accepted: Yes No

FC400 Coriolis Flowmeter
Application Datasheet



SIEMENS

Process Conditions

Temperature _____ Min. _____ Normal _____ Max. _____ Units °C °F
Pressure _____ PSI bar
Density _____ g/cm³ lb/ft³
(If specific gravity value is given, be sure to give reference temperature)

Viscosity _____ Min. _____ Normal _____ Max. _____ Units
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

Table with 3 columns: Type, # Avail., Description. Rows include Active (Powered) 0/4-20mA or Open Collector Pulse/Frequency or Status/Error Active Digital Output, Passive Digital Input, 3-30VDC For Logic 1, and 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: