



**Coriolis**  
Mass Flow Meters

# RCT 1000 Coriolis Meter

Date

## CUSTOMER CONTACT INFORMATION

Customer Contact:		Company:	
Email:	Phone:	Address 1:	
Additional Contact:		Address 2:	
Email:	Phone:	City:	State:
Additional Contact:		Country:	Zip/Postal Code:
Email:	Phone:	Phone:	Fax:

## REPRESENTATIVE/DISTRIBUTOR CONTACT INFORMATION

Company:	Contact Name:		
Location:	Email:	Phone:	

## CUSTOMER PROJECT IDENTIFICATION

Project Name:	Subsystem:
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## OPERATING CHARACTERISTICS

**Fluid Name**

**Fluid Type**

**Process Conditions**

Technical

Trade Name

	Minimum	Nominal	Maximum	Units
Flow Rate				
Line Pressure				
Viscosity				
Density				
Temperature				
Vapor Pressure				

\*\* All items above this line must be completely filled out prior to receiving a quote \*\*

\*\* If fluid is a slurry or suspension \*\*

Carrier Fluid Name	Solid Material Name	Percent Solid Concentration (Est.)	Particle Size
		%	

\*\* For percent mass measurement, please contact Badger Meter technical support for percent mass worksheet \*\*



**Badger Meter**

CRL-AS-00091-EN-01 (August 2014)

# Application Data Sheet

## Coriolis Mass Meter Application Data Sheet

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### SENSOR/TRANSMITTER LOCATION

#### Sensor

Process Connection

Indoor

Outdoor

Area Classification

Horizontal Piping Orientation

Vertical Piping Orientation

#### Transmitter

Mounting Style

Cable Length (Remote Mount)

Cable Type (Remote Mount)

Area Classification

### INPUT REQUIREMENTS\*

#### Analog Parameter and Spanning Information

(In Addition to Integral Temperature Sensor)

Analog Input	Parameter	Units	Span Example (0-100 psi)
Analog Input 1 (0-5V DC/mA)			
Analog Input 2 (0-5V DC/mA)			

### OUTPUT REQUIREMENTS\*

#### Analog Parameter and Spanning Information

Analog Output	Parameter	Spanning Information
Analog 1 (4-20 mA)		
Analog 2 (4-20 mA)		
Analog 3 (4-20 mA)		

\* Factory settings will be used, unless specified.

### FREQUENCY/PULSE

Select One: Frequency Mode, Scaled Pulse or Pulse Width Modulation

Assign to Flow Rate, Total, Temperature, Density, Concentration, etc...

Isolated Open Collector	Assigned Variable	Frequency Mode Choose Hz and Value Ranges			Scaled Pulse Mode		Pulse Width Modulation
		0 Hz/Max Hz	=	0 Value/Max Value	Pulse per Unit	Pulse Width	On 1kHz Carrier
Frequency/Pulse Output			=				

PID Control Device	Parameter	Low	Nominal	High

### COMMUNICATION OPTIONS

(One RS485 Connector is Standard)

**DESCRIBE APPLICATION/SPECIAL REQUIREMENTS**

**FOR BADGER METER PERSONNEL AND AUTHORIZED REPS ONLY**

**PART NUMBER SELECTION - REQUIRED FOR ORDERS**

**Sensor**

	Sensor Size		Wetted Material		Process Connection		Electronic Mounting		Area Cert.		Calibration/ Uncertainty		Reserved		Specials* (fill in)
RCS		—	S	—		—	R	—	G	—		—	N	—	

\*Leave blank for non-custom orders

**Transmitter**

	Enclosure Type		Transmitter Options		Area Certification		Electronic Mounting		Communication Protocol		Sensor Connection		Specials* (fill in)
RCT	N	—	K	—	D2	—	R	—		—	N	—	

\*Leave blank for non-custom orders

**Cable**

**BADGER METER PERSONNEL ONLY**

Badger Meter Order Number:

Note: for orders with multiple meter configurations, fill out a new sheet for the Part Number Selection section, but use the same Order Number.