Emerson Flow and Density Measurement

Best-in-class technology for outstanding results

EMERSON
Process Management

Flow and Density Measurement Technology
Committed to Your Success

Emerson's best-in-class Micro Motion® and Rosemount® flow and density measurement technologies, wide breadth of products, and unmatched value ensure you will realize outstanding results in your process and operation.

Technology Leadership

Emerson's world-class research and development capabilities support ongoing product development to find solutions for difficult application and process challenges.

- Unmatched flow measurement accuracy and performance over the widest flow range, in changing operating conditions, regardless of environmental effects
- Smart Meter Verification is the only diagnostic tool available to check the entire meter's performance and integrity online, on-demand and in less than 2 minutes
- Superior gas flow measurement using Micro Motion Coriolis meters eliminate the need for pressure and temperature compensation even in the most demanding custody transfer applications
- World-leading and unmatched ±0.0001 g/cm^3 density measurement accuracy and repeatability
- Most accurate, reliable magnetic flowmeter with advanced diagnostics, improves process control while delivering ongoing maintenance savings
- The only all-cast/all-weld designed Vortex meter eliminates clogging and leaking to deliver unmatched reliability
- The most flexible Coriolis EtherNet/IP solution for new and retrofit applications
- Smart Wireless THUM™ Adapter can unlock multivariable measurement, advanced diagnostics, meter verification, and totalized flow in your existing flow devices
- Process disruptions are eliminated with industry-leading flow measurement performance and accuracy in two-phase flow conditions
- World-leading and unmatched ±0.1% gas density and gas specific gravity measurement accuracy to ISO17025 accreditation standards

Micro Motion®

ROSEMOUNT®

Product Breadth

Emerson offers the broadest range, best performing, fit-for-purpose flow and density measurement solutions for every application. The widest electronics offering enables flexible and easy installations for every operating environment and, as the world's largest instrumentation supplier, Emerson delivers best-in-class execution, quality, and service for every measurement challenge.

From the smallest flow rate to the largest, the lowest temperature to the highest, onshore or offshore, gas or liquid, you will find the ideal measurement device that fits your exact needs.

Unparalleled Value

Decades of application experience ensures Emerson truly understands customer measurement challenges and is able to deliver the most advanced flow and density measurement technologies to customers around the globe.

- Unmatched application knowledge and expertise from over 30 years of experience and more than 1,000,000 Micro Motion and Rosemount flow devices installed worldwide ensures success
- Worldwide support and technical service delivers the fastest response and best local service coverage
- The only flow and density manufacturer with internationally accredited and certified flow lab and testing facilities in the Americas, Europe, Middle East, and Asia Pacific
- Dedicated flow and density Online Community (www.MicroMotion.com/Community) devoted to supporting the flow measurement community worldwide
- The only manufacturer with class-leading density, pressure, and temperature laboratory and ISO17025 accreditation for over 30 years
- Comprehensive training program to support changing workforce demographics and ensuring ongoing learning and success

Industries

- *Alternative Fuels*
- *Automotive*
- *Chemical & Petrochemical*
- *CNG/LNG*
- *Fine & Specialty Chemicals*
- *Food & Beverage*
- *Hydrocarbon Transportation & Distribution*
- *Industrial Gases*
- *Life Sciences & Pharmaceutical*
- *Marine*
- *Metals & Mining*
- *Municipal*
- *Natural Gas Processing*
- *OEM*
- *Oilfield Services*
- *Oil & Gas Production*
- *Personal Care Products*
- *Polysilicon*
- *Power & Utilities*
- *Pulp & Paper*
- *Refining*
- *Semiconductor*
- *Water & Wastewater*

Micro Motion Flow & Density Meters

Coriolis

Coriolis Flow and Density Meters
A single Micro Motion Coriolis meter can tighten control, improve process insight, monitor emissions and minimize waste. Customers continue to find new ways to apply Micro Motion Coriolis flow and density measurement technology to further benefit from all the advantages available for gas and liquid applications.

ELITE Coriolis Flow and Density Meter
Micro Motion ELITE® Coriolis meters are the leading precision flow and density measurement solution offering the most accurate and repeatable mass measurement for liquids, gases, or slurries. The ELITE Coriolis line includes ten sensor models, including the widest breadth of high flow rate Coriolis meters.

F-Series Coriolis Flow and Density Meter
Highly accurate mass flow, volume flow, and density measurement in applications that require a compact, drainable design.

H-Series Coriolis Flow and Density Meter
All-hygienic meters, 3A and EHEDG approved, for sanitary conditions requiring accurate mass flow, volume flow, and density measurement in a drainable and cleanable design.

T-Series Coriolis Flow and Density Meter
Straight-tube, full-bore meter design, 3A and EHEDG approved, for sanitary applications and easy cleaning.

LF-Series Coriolis Flow and Density Meter
The smallest Coriolis meter for tight spaces and ultra-low, high precision flow measurement.

R-Series Coriolis Flowmeter
Basic, reliable measurement while benefiting from the fundamental advantages of Coriolis.

Density & Viscosity

7835 Precision Liquid and Concentration Density Meter
The industry standard for on-line density measurement and designed for the fiscal metering of crude oil, refined hydrocarbons, and non-aggressive process liquids.

7845/7847 Liquid and Concentration Density Meter
High performance, general purpose density meters designed for general process and hygienic applications.

7826/7828 Direct Insertion Density Meter
Designed to operate in pipelines and tanks, delivering measurement such as Specific Gravity, %solids, %volume, concentration and °Brix.

3098 Gas Specific Gravity Meter
The industry standard for direct measurement of gas molecular weight offering continuous online measurements and the highest accuracy and resolution.

7812 Gas Density Meter
For fiscal metering of natural gas and offers the highest accuracy with excellent repeatability under pipeline operating conditions. Available in NiSpan-C.

7827 Digital Viscosity Meter
Used for quality and analytical measurements where kinematic viscosity at line and reference temperature is required to be measured.

7829 Visconic Viscosity Meter
Provides measurement and control of online process viscosity applications and simultaneously measures real-time viscosity, density and temperature.

7829 Viscomaster Viscosity Meter
For real-time measurement and control of heavy fuel oil (HFO) that supply engines, turbines and burners in Marine and Power applications.

Rosemount Flowmeters

ROSEMOUNT

Magnetic Flow

Rosemount E-Series Magnetic Flowmeter
Designed for maximum reliability even in the harshest environments, the Rosemount E-Series Magnetic Flowmeter offers industry best performance and diagnostic capabilities. With Emerson Smart Meter Verification, troubleshooting and auditing of magnetic flowmeter installations is quick and easy. The Advanced Diagnostics available in every E-Series transmitter offers increased visibility to process conditions, enabling better decision making.

E-Series Transmitters

- Advanced diagnostics unlock the potential of the device
- Multiple communications protocols are available
- A local operator interface makes setup easy
- Integral or remote transmitter options enhance installation flexibility

E-Series Sensors

- Solve more application needs with a variety of liner and electrode materials, and high pressure sensors
- Reduce capital expense with the wafer meter design

Rosemount 8705 Flanged Sensor
An all-welded design that ensures reliability in the harshest environments, available in a wide range of sizes, lining and electrode materials are available to meet most process conditions.

Rosemount 8711 Wafer Sensor
Economical, compact, and lightweight alternative to flanged magnetic flowmeters with alignment rings provided making installation easier.

Rosemount 8721 Hygienic Sensor
All 316L SST construction meters deliver a straight-through design for maximum cleanability. 3A and EHEDG approved.

Rosemount High Signal™ Magnetic Flowmeter System
The Rosemount High Signal flowmeter system provides stable flow measurement in the most difficult high-noise applications while maintaining the benefits of DC technology.

Vortex

Rosemount 8800 Series Vortex Flowmeter
Achieve better measurement practices across your applications by eliminating potential leak points, incorporating gasket-free meter body designs that are immune to vibration.

Rosemount 8800 CriticalProcess™ Vortex Flowmeter
Designed to increase plant availability and enhance overall safety. This feature allows users to verify the performance of the Vortex sensor while providing an added level of safety on critical applications.

Rosemount 8800 Reducer Vortex Flowmeter
The Reducer Vortex can measure lower flows better than any other Vortex meter. The benefit is simplified installations which reduce project risk and minimize installation costs.

Rosemount 8800 MultiVariable™ Vortex Flowmeter
Combines your temperature and flow devices into a single, highly accurate instrument, eliminating the cost and installation of two separate devices.

Rosemount 8800 Dual Vortex Flowmeter
Ideal solution for Safety Integrated System (SIS) where redundant flow signals are required.

Emerson Process Management has set new standards in flow and density measurement technology to deliver quality measurement and unsurpassed performance for a wide range of applications.

Micro Motion Coriolis Flow & Density Meters

A wide range of measurement solutions delivers what's required – and much more.

Coriolis Flow & Density Sensors	ELITE®	F-Series	H-Series	T-Series	R-Series	LF-Series	7835 7845 7847	7826 7827 7828 7829	7812 3098
Application Type									
Continuous control	●	●	●	●	●	●	●	●	●
Batching / loading / blending	●	●	●	●	●	●	●	●	●
Custody transfer	●	◐	◐				●		●
Measurement Accuracy									
Liquid & slurry - Flow	±0.05%	±0.10%	±0.10%	±0.15%	±0.50%	±0.50%			
Liquid & slurry - Density	±0.0002 g/cm³ (±0.2 kg/m³)	±0.001 g/cm³ (±1.0 kg/m³)	±0.001 g/cm³ (±1.0 kg/m³)	±0.002 g/cm³ (±2.0 kg/m³)		±0.005 g/cm³ (±5.0 kg/m³)	±0.0001 g/cm³ (±0.1 kg/m³)	±0.001 g/cm³ (±0.1 kg/m³)	
Liquid - Viscosity								±1% Full Scale	
Gas - Flow	±0.35%	±0.50%	±0.50%	±0.50%	±0.75%	±0.50%			
Gas - Density / Specific Gravity									±0.10%
Capabilities									
Self draining	◐	●	●	●	●		●	●	
Sanitary / hygienic	◐	●	●	●			◐		
Two-phase flow / entrained gas	●	◐	◐				◐		
Smart Meter Verification	●	●	●						
High temperature *	◐	◐							
High pressure **	◐	◐					◐	●	◐
Cryogenic*	●	●							
Wetted Materials									
300-series stainless steel	●	●	●		●	●	●	●	●
Super Duplex	◐								
Nickel Alloy C22	●	●						●	
Nickel Alloy B3								●	
Ni-Span-C®							●		●
Titanium				●				●	
Monel®								●	
Zirconium								●	
Nominal Line Sizes									
Inches	1/10-16	1/4-4	1/4-4	1/4-2	1/4-2	1/32-1/4	1	1 or larger	1/4 or larger
Millimeters	2-406	6-100	6-100	6-50	6-75	0.8-6	23	25 or larger	6 or larger

*Standard temperature is -148 to+400°F (-100 to +204°C) High temperature is above +400°F (+204°C) Cryogenic is below -148°F (-100°C) ● Supported on all models ◐ Supported on some models

**Above 1494 psi (103 bar)

Micro Motion Coriolis flow and density measurement


ELITE


F-Series


H-Series


T-Series


R-Series


LF-Series

Micro Motion density and concentration measurement


7835 /45 /47 Model


ELITE


7826 /27/28/29 Model


F-Series


H-Series


7812 Model


3098 Model

Coriolis Flow & Density Transmitters

	1500	1700	2200S	2400S	2500	2700	FMT	3300	3350	3500	3700	7950 7951
Output Variables												
Mass / volume flow	●	●	●	●	●	●	●	●	●	●	●	
Net product content / flow†				●	●	●				●	●	
Temperature			●	●	●	●	●			●	●	●
Density			●	●	●	●	●			●	●	●
Concentration				●	●	●				●	●	●
Viscosity / referred viscosity												●
Local Display												
2-line		●	●	●		●						
Multi-line								●	●	●	●	●
Power												
AC		●		●		●		●	●	●	●	●
DC	●	●		●	●	●	●	●	●	●	●	●
Loop powered			●									
Outputs												
4-20 mA	●	●	●	●	●	●	●	●	●	●	●	●
10 kHz pulse	●	●		●	●	●	●	●	●	●	●	
Discrete	●	●		●	●	●	●	●	●	●	●	●
WirelessHART®	●	●	●	●	●	●		●	●	●	●	
Modbus®	●	●			●	●	●	●	●	●	●	●
FOUNDATION fieldbus™						●						
PROFIBUS-PA						●						
PROFIBUS-DP				●			●					
DeviceNet ™				●								
Inputs												
10 kHz pulse								●	●			
Discrete				●	●	●	●	●	●	●	●	
4-20 mA												●
HART®										●	●	
2-wire density sensor												●
3-wire density sensor												●
4-wire sensor	●	●			●	●				●	●	
9-wire sensor	●	●		●	●	●				●	●	
Mounting												
Integral - Field		◐	◐	◐		◐	●					
Remote - Field		●				●			●		●	●
Remote - Control room	●				●			●		●		●
Remote - Pack / Panel Mount								●		●		
Special Application Types												
Batch controller								●	●	●	●	
Custody transfer						●		●	●	●	●	
Two-phase flow / entrained gas	●	●		●	●	●				●	●	
Filling & dosing	●						●					
Meter verification	●	●		●	●	●				●	●	
SIS Certified		●				●						
Hazardous Area Approvals												
C1D1		●	●			●						
C1D2		●	●	●		●	●		●		●	
Zone 1		●	●			●			●		●	
Zone 2		●	●	●		●			●		●	

† Flow rate of product based on concentration. For example, in a dissolved sugar solution, the measurement is the flow rate of the sugar alone and in a net oil application the measurement is water alone or oil alone.

Coriolis flow and density transmitters

Model 1500 / 2500

Model 1700 / 2700

Model 2200S

Model 2400S

Series 3000

Filling Mass Transmitter (FMT)

For detailed product information, refer to the specific Product Data Sheet at www.MicroMotion.com

Rosemount Vortex and Magnetic Flowmeters

Broad instrumentation selection for increased efficiency and safety – at a lower installed cost.

ROSEMOUNT®

Vortex Flowmeters	Flanged & Reducer	Wafer	CriticalProcess	Threaded Vortex	Dual	Weld-End	MultiVariable Flanged and Reducer
Application Best Practices							
Critical Process Applications			●		●		
Utility Water and Gas	●	●					
Cryogenic						●	
Saturated Steam							●
Produced Water				●			
Safety Instrumented Systems					●		
High Pressure (ANSI Class 1500)*	●				●	●	
Capabilities							
Clog-free, Gasket-free meterbody	●	●	●	●	●	●	●
Isolated sensor	●	●	●	●	●	●	●
Mass balanced sensor and ADSP for Vibration Immunity	●	●	●	●	●	●	●
Flow Simulation and Signal/Trigger for Meter Verification	●	●	●	●	●	●	●
Single Sensor can be used for all line sizes and meter types	●	●	●	●	●	●	●
Wetted Materials							
Stainless Steel	●	●	●	●	●	●	●
Nickel Alloy	●	●	●		●		
Alternate material as required	●		●		●	●	●
Measured Variables							
Flow	●	●	●	●	●	●	●
Temperature							●
Output Variables							
Flow	●	●	●	●	●	●	●
Temperature							●
Density (saturated steam)							●
T-Compensated Mass Flow (saturated steam)							●
Outputs							
4-20mA / HART®	●	●	●	●	●	●	●
10 kHz Pulse	●	●	●	●	●	●	●
FOUNDATION fieldbus™	●	●	●	●	●	●	●
Mounting							
Integral	●	●	●	●	●	●	●
Remote	●	●	●	●	●	●	●
Hazardous Area Approvals							
FM - Ex-Proof, IS, Dust, FISCO (FF)	●	●	●	●	●	●	●
CSA - Ex-Proof, IS, Dust, FISCO (FF)	●	●	●		●	●	●
ATEX - Flameproof, IS, Dust, Type-N, FISCO (FF)	●	●	●		●	●	●
IECEx - Flameproof, IS, Dust, Type-N, FISCO (FF)	●	●	●		●	●	●
NEPSI - Flameproof, IS, Type-N, FISCO (FF)	●	●	●		●	●	●
TIIS - Flameproof	●	●	●		●	●	●
Accuracy							
Liquids	0.65% of rate	0.65% of rate	0.65% of rate	0.65% of rate	0.65% of rate	0.65% of rate	0.65% of rate
Gases	1.00% of rate	1.00% of rate	1.00% of rate	1.00% of rate	1.00% of rate	1.00% of rate	1.00% of rate
Mass Flow of Saturated Steam							2.00% of rate
Nominal Line Sizes							
Inches	1/2-12	1/2-8	1-12	1/2-2	1/2-12	1/2-12	1.5-12
Millimeters	15-300	15-200	25-300	15-50	15-300	15-300	40-300

*De-rated up to 2500 pounds available - consult factory

Vortex Meters

Flanged | Reducer | Wafer | CriticalProcess | Threaded Vortex | Dual | Weld-End | MultiVariable

Magnetic Sensors

	Flanged (8705)	High Signal™ (8707)	Wafer (8711)	Hygienic (8721)
Application type				
Process Applications	●	●	●	
Utility Water-based Flows	●		●	
High Consistency Slurry	●	●		
Hygienic (Sanitary)				●
High Pressure (Up to ANSI Class 2500) (1)	●	●		
Line Sizes				
Nominal line size - inches	1/2 to 36	3 to 36	0.15 to 8	1/2 to 4
Nominal line size - millimeters	15 - 900	80 - 900	4 - 200	15 - 100
Liner Selection (2)	**Temp Limits**	**Line Size (8705/8707)**	**Line Size (8711)**	
PFA - Fluoropolymer	-20 to 350° F -29 to 177° C	1/2 to 14 inch (15 to 350 mm)	0.15 to 0.3 inch (4 to 8 mm)	
PTFE - Fluoropolymer	-20 to 350° F -29 to 177° C	1/2 to 36 inch (15 to 900 mm)	1/2 to 8 inch (15 to 200 mm)	
ETFE - Fluoropolymer	-20 to 300° F -29 to 149° C	1/2 to 16 inch (15 to 400 mm)	1/2 to 8 inch (15 to 200 mm)	
Polyurethane - Water with no chemicals	-0 to 140° F -18 to 60° C	1 to 36 inch (25 to 900 mm)		
Neoprene	-0 to 176° F -18 to 80° C	1 to 36 inch (25 to 900 mm)		
Linatex - Mining slurries, large debris	-0 to 158° F -18 to 70° C	1 to 36 inch (25 to 900 mm)		
Electrode Selection	**Notes**			
Type				
Flush	Standard design. Suitable for most applications including slurries.			
Bullet-nose	Used where coating is a concern and no solids are present.			
Material (3)				
316L Stainless Steel	Standard Material. Compatible with most water-based applications.			
Nickel Alloy 276	Typically used in medium to high acid concentrations and sea water.			
Platinum	Typically used in most aggressive liquor applications.			
Tantalum	Typically used in high concentration acids (hydrochloric, hydroflouric).			
Titanium	Typically used in high concentration caustic (sodium, potasium hydroxide).			

Others available upon request


8705


8707


8711


8721


PFA, PTFE, ETFE


Polyurethane


Neoprene


Linatex

Magnetic Transmitters

	8732E	8712E	8712H High Signal™	
Selection Considerations				
Mounting	Integral or Remote (4)	Wall Mount Remote	Wall Mount Remote	
LOI	4-button	Dedicated 15-button	Dedicated 15-button	
Output & Communication Protocols	4-20 mA, 10 kHz Pulse FOUNDATION fieldbus Profibus PA	4-20 mA, 10 kHz Pulse	4-20mA, HART, 1 kHz Pulse	
Power Supply	90-250AC, 12-42DC	90-250AC, 12-42DC	115V AC only	
Diagnostics & Enhanced Features				**Notes**
Standard	●	●	●	Transmitter & Sensor Faults, Empty Pipe
DA1 - HART Diagnostics 1	●	●		Ground & Wiring, High Process Noise
DA2 - HART Diagnostics 2	●	●		Smart Meter Verification
D01 - FOUNDATION fieldbus/Profibus PA/ Diagnostics 1	●			Ground & Wiring, High Process Noise
D02 - FOUNDATION fielbus/Profibus PA Diagnostics 2	●			Smart Meter Verification
D1 - High Accuracy Calibration	●	●	●	0.15% +/- 1mm/s (5)
AX - DI/DO	●	●		Discrete In and Out


8712


8732


8712H

(1) Polyurethane liner only (2) 8721available in PFA only (3) Alternate materials available (4) Pipe-mount remote (5) E-Series high performance. 0.25% for High Signal™

Superior Measurement for Virtually Any Application

Emerson's flow and density measurement solutions deliver the world's best measurement stability, reliability, and overall performance for a wide range of applications and process environments.

Applications

- %alcohol measurements
- Allocation
- API
- Batching
- Bioreactor feeds
- Black, Green and White Liquor
- Bleaching agents (liquids and gas)
- Blending
- Booster Control
- Bunker loading
- Carbon sequestration
- Carbonation and bottling
- Catalyst feed
- Cementing
- Check metering
- CNG
- Concentration (°Brix, °Plato, %caustic, others)
- Chemical recovery
- Coatings
- Cooling water
- Combustion control
- Continuous ratio and product blending
- Continuous reaction
- CO_2 emission control
- Custody transfer (liquids and gas)
- Deionized makeup water
- District energy steam and water
- Drilling mud quality and returns
- Effluent streams
- Endpoint detection in batch reactions
- Energy
- Evaporator control
- Energy balance
- Enhanced Oil Recovery (EOR)
- Enthalpy
- Ethylene transfer
- Evaporator control
- Fast filling
- Feed and product characterization
- Fermentation
- Fiscal transfer (liquids and gases)
- Fuel gas combustion
- Fuel oil injection
- Gear Box oil quality
- Greenhouse Gas (GHG) compliance
- High solids ore slurries
- Hydraulic fracturing
- Hygienic applications
- Industrial gas (N_2, O_2, Ar, H_2)
- Interface detection in multi-product pipelines
- Interface detection power in generators and gas pipelines
- Leak detection systems
- Lime slurry, china clay, gyproc (Flue Gas Desulfurization)
- Liquor flows
- LNG
- Loss control
- Material and mass balance
- Mining slurry
- Natural gas check metering
- Net oil / water cut measurement
- Oil well cementing and hydro fracturing
- Pasteurization
- Pill coating
- Pot ash
- Pregnant mining solution
- Produced water
- Product mixing
- Pulp and paper slurry
- Rail car, ship and truck loading and unloading
- Raw material dilution
- Repulper out flows
- Retail vehicle fueling
- Safety Instrumented Systems (SIS)
- Sand separation
- Selective Catalytic Reduction (SCR)
- Shipping and receiving
- Slurry separation
- Steam measurement
- Solvents and solvent separation
- Starch control
- Sterile gas feeds
- Turbine viscosity correction
- Utility water
- Utility steam
- Utility gas
- Vial filling
- Viscosity Index
- Water treatment
- Wobbe

Emerson Process Management's Micro Motion and Rosemount products include some of the world's most advanced measurement instruments, all of which are connected through our PlantWeb™ digital plant architecture. We are continually working with customers to ensure that they are fully prepared to meet technology and industry requirements.

Emerson Flow Global Presence

Micro Motion and Rosemount flow and density measurement products are manufactured, calibrated and supported all over the world. With highly accredited facilities and support services, Emerson global flow service and technology centers provide the highest quality engineering, production, service, training and calibration available.

Locations to serve you:

- Micro Motion Headquarters: Boulder, Colorado
- Rosemount Flow Headquarters: Eden Prairie, Minnesota
- Sorocaba, Brazil
- Nanjing, China
- Shanghai, China
- Pune & Mumbai, India
- Chiba, Japan
- Chihuahua, Mexico
- Ede, The Netherlands
- Manila, Philippines
- Chelyabinsk, Russia
- Abu Dhabi, UAE
- Dubai, UAE
- Slough, UK
- Singapore
- Cluj, Romania
- Escazú, Costa Rica
- Al-Khobar, Saudi Arabia

TECHNOLOGY LEADERSHIP

Robust, innovative technologies that provide reliable, accurate and repeatable measurement and diagnostics

WIDEST BREADTH OF PRODUCT

Broad range of flow measurement products deliver the flexibility and performance required

UNPARALLELED VALUE

Exceptional expertise and support ensures the best flow technology selection for the application

Emerson's Micro Motion and Rosemount are known globally in over 85 countries for quality and reliability. As part of the Emerson PlantWeb® digital plant architecture, we enable increased plant availability, decreased costs and enhanced safety. Emerson delivers application expertise, service and technical support not available elsewhere.

Emerson Process Management offers a wide range of flow measurement technologies including:

- Daniel Differential Pressure, Ultrasonic and Turbine
- Micro Motion Coriolis Flow and Density
- Micro Motion Density and Viscosity
- Rosemount Differential Pressure
- Rosemount Magnetic and Vortex
- Roxar Multiphase

Learn more about Emerson's complete breadth of measurement technologies at ***www.EmersonProcess.com***

PlantWeb

Emerson Process Management
Americas
7070 Winchester Circle
Boulder, Colorado USA 80301
T: 800 522 6277
T: +1 (303) 527 5200
F: +1 (303) 530 8459
www.MicroMotion.com
www.Rosemount.com

Mexico	T: 52 55 5809 5300
Argentina	T: 54 11 4837 7000
Brazil	T: 55 15 3413 8000
Venezuela	T: 58 26 1300 8100

Emerson Process Management
Europe/Middle East

Central/Eastern Europe	T: +41 41 7686 111
Dubai	T: +971 4 811 8100
Abu Dhabi	T: +971 2 697 2000
France	T: 0800 917 901
Germany	T: 0800 182 5347
Italy	T: 8008 77334
The Netherlands	T: +31 318 495 555
Belgium	T: +32 2 716 77 11
Spain	T: +34 913 586 000
U.K.	T: 0870 240 1978
Russia/CIS	T: +7 495 981 9811

Emerson Process Management
Asia Pacific

Australia	T: (61) 3 9721 0200
China	T: (86) 21 2892 9000
India	T: (91) 22 6662 0566
Japan	T: (81) 3 5769 6803
South Korea	T: (82) 2 3438 4600
Singapore	T: (65) 6 777 8211

For a complete list of contact information and websites, please visit: www.emersonprocess.com/home/contacts/global

EMERSON
Process Management

MC-001333 Rev H, 03/2013
00803-0100-6145 Rev AH, 03/2013