



PRESS RELEASE

For Immediate Release

Sierra Instruments Announces QuadraTherm® Thermal Mass Flow Meters Now Have Full Device Description Foundation Fieldbus

Monterey, CA- February 24, 2014 – [Sierra Instruments](#), a leading global mass flow meter manufacturer, announces its QuadraTherm® 640i and 780i are now available with full device description Foundation Fieldbus digital communication protocol, making them the ideal flow meters for industrial applications, including oil and gas.

Foundation Fieldbus technology is a proven, systemic technology comprised of a bi-directional communications protocol used for:

- Communications among field devices and to the control system
- A Function Block structure for true distributed control
- Device Description (DD) technology for parameterization and integration of data
- A network hierarchy for subsystem integration
- A well-defined system management structure for reliability and determinism of functional execution

Sierra's [QuadraTherm 640i/780i](#) equipped with Foundation Fieldbus communication interface for use on a Foundation Fieldbus H1 network is designed to provide end users easy access to all relevant data available in their mass flow meter.

Sierra's full suite of digital communications solutions allows flow meter integration into automation and control systems, providing engineers and systems integrators with a turnkey solution. Sierra's digital communications solutions include HART, Profibus DP, Modbus RTU, Foundation Fieldbus, and BACnet (DeviceNet pending). Sierra's goal is to make it as easy as possible for end users to find the information they need to integrate our flow instruments into their digital communications network.

View our [full digital communications solutions](#) offering today. Sierra offers comprehensive engineering services to support all available communications protocols for seamless integration.

ABOUT SIERRA

A global leader in flow measurement and control for over 40 years, Sierra instruments designs and manufactures high performance flow instrumentation for gas, liquid and steam applications commonly found in the pharmaceutical, scientific research, health, energy and semi-conductor industries. With over 150 offices in 50 countries, Sierra is uniquely positioned to provide their innovative products and lifetime support for the leading companies of today and the growth enterprises of tomorrow.

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