

ABB Measurement Products Instrumentation Product Portfolio

August 2010

Analytical Measurement

Industrial Water Quality Monitors

- Silica, Phosphate, Sodium Monitors for Steam Generating Plants
- Low Level Dissolved Oxygen Monitors (PPB)
- Ammonia, Nitrate, Chloride, Hydrazine Analyzers
- pH and Conductivity for Ultra Pure Water applications

Water / Wastewater Process

- Turbidity, Suspended Solid Monitors
- Aluminium, Iron, Manganese, Ammonia, Phosphate, Colour, Fluoride, Nitrate, Chlorine Monitors
- UV Organics Monitor, Coagulation Controller
- Dissolved Oxygen Monitors (PPM)
- pH measurement for cold and low conductivity water

Industrial Process

- pH and Conductivity Measurement in Harsh Environment Process
- Packaged Analyzers

Gas Analyzers

- In-Situ Oxygen Analyzers, High/Low Temperature
- Flue Gas Oxygen, Combustibles Analyzers
- Hydrogen Purity Monitors, Katharometers

Field Instrumentation & Devices

Device Management / Communications

- DHH801-MFC Handheld Configurator
- DHH800-MFT Configurator/Calibrator
- Smart Vision Configuration Software
- DAT800 Asset Vision Professional
- DAT200 Asset Vision Basic

Actuators & Positioners

- AV Positioner (AV1, AV2, AV3)
- Conrac Electric Actuator
- TEIP I/P Converter (Field, DIN & Block Mount Versions)
- Linear Pneumatic Actuators
- TZID-C Compact Smart Valve Positioners
- UP Damper Drive (UP 1-6)

Controllers (Single Loop) – Analog / Digital & Pneumatic

- Commander

Indicators - Digital, Analog & Mechanical

- Commander
- Hartmann & Braun

Recorders – Paper Chart

- Commander Circular Chart
- Commander Strip Chart

Videographic Recorders

- ScreenMaster

Smart Pressure Transmitters (Hart, FF, PA protocols)

- 264 (0.075% Accuracy)
- 265 (0.04% Accuracy)

Smart Multi-Variable Transmitters

- 267/269CS (0.075 & 0.04% Accuracy)

Smart Pressure Transmitters

- 268 TUV SIL 2 TUV Certified

Smart Pressure Accessories

- S26x All Welded Remote Seals

Smart Compact SS Pressure Transmitters

- 261 (0.10% Accuracy)
- 364 Series (0.06%)

Pneumatic Transmitters

- Deltapi N Series

Smart Temperature Transmitters / Sensors (Hart, FF, PA)

- TTF300, TTF350, TF202, TF212 Field Mount
- TR04, TTH200, TTH300, TF02, TF12 Head Mount
- TR104, TTR200 Rack Mount

Sensy Temperature Sensor Assemblies

- V10185, V10186

Flow Measurement

- AquaProbe Insertion Magnetic Flowmeter
- CalMaster In-Situ Flow Verification
- Copa XF Fill Magmeter
- Integral Orifice Plates 1330L
- MagMaster LoFlo for Low Flow Applications
- MagMaster Water & Waste
- HygienicMaster Sanitary Flowmeters
- ProcessMaster
- WaterMaster
- SM4000 AC Magnetic Flow Meter for Slurries, Chemical, and Pulp & Paper Applications

- Sensy-Cal Flow Computer
- SensyFlow Thermal Mass Flowmeter
- CoriolisMaster Flowmeter
- Trio-Wirl Swirlmeter
- Trio-Wirl Vortex Meter
- D/P Primary Flow Elements
- VA Meters - Glass & Metal Tube
- WM Wedgemeter II
- OriMaster Compact Orifice

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To operate any process efficiently, it is essential to actuate, measure, record and control. In selecting ABB you are choosing a partner who is offering the best measurement solution for your needs, enabling maximum return on your investment. When investing in ABB's measurement products and solutions you are receiving the best technology, reliability and service in the business.

Research and development is a vital source of ABB's technology leadership. ABB constantly builds on the foundation of existing technologies for new applications, and continues to develop the breakthrough technologies needed to meet the challenges of the future. ABB and its heritage companies have been leaders in innovation and technology for more than 100 years.

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