



Process Solutions

Automation & Control Products

ABB Instrumentation & Analytical

- Control Systems
- Flow Measurement
- Pressure Transmitters
- Recorders & Controllers
- Actuators & Positioners



For municipal market only

HORNER APG

- All-in-One PLC, HMI, I/O & Networking
- Sunlight Readable Display
- Free HMI/Logic Configuration Software
- Local / Remote I/O
- Class I, Div. 2
- Tech Support and Training at no cost



Bronkhorst HIGH-TECH



- Mass flow meters and controllers
- High accuracy for research & pilot plants
- Low flow and Ultra low flow
- Multi Fluid /Multi Range
- Custom Manifolds for Mass & Pressure



PR electronics SIGNALS THE BEST

- Intrinsic Safety Isolators
- Signal Conditioning
- Temperature Transmitters
- Digital Displays (LED,LCD)
- Signal Converters



AST



- Pressure Transducers (MEMS Tech)
- Machined from single piece of metal
- Pressure Spike Tolerant
- No welds, fluid filled cavities or O-Rings
- Using Krystal Bond Technology



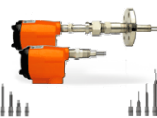
Sixnet

- Industrial Ethernet Switches (Gigabit)
- Ethernet I/O
- Cellular Modem & Routers
- Ethernet to Fiber converters
- Industrial DIN Rail phone modems
- Class I, Div. 2, CSA, Zone 2, DNV



KAYDEN INSTRUMENTS

- Thermal Dispersion Flow Switches
- Level Switches
- The Only Switch with Local Display
- Pump Protection / Seal Leak Detection
- Interface Detection
- Easy User Friendly Setup



DEHN

- Over 5000 Surge and Lightning Solutions
- Signal, Data, and AC Power Protection
- Telecommunication Protection
- Lightning Protection for Facilities



PROCESS SOLUTIONS CORPORATION OFFERS:

- EDUCATIONAL SEMINARS FOR CREDIT
- APPLICATION SUPPORT
- IN-DEPTH TRAINING
- FIELD START-UP ASSISTANCE
- ENGINEERING APPLICATION REVIEW





Process Solutions

Automation & Control Products



PR electronics - Intrinsic Safe Isolators, Signal Conditioners, Temp. Transmitters

Galvanic isolators for analog and digital signals. DIN form B Temp. transmitters with HART, Foundation Fieldbus & Profibus communications. Programmable panel meters. Signal converters with scaling & conversion, trip amplifiers and custom linearization. Easily programmable via PC or display. Universal intelligent programmable modules.



DEHN – Lightning & Surge Protection For Signal and Power Circuits

DIN rail and field mount units protect 4-20 mA, Profibus, Modbus, Ethernet, Devicenet and other communications. S-BOX series safeguard service entrances and power circuits up to 600 Vac. Tested to withstand direct lightning & induced surges. Modular, compact, space-saving design with CE/UL ratings.



Horner – OCS Operator Control Station, All-in-one HMI, PLC, I/O and Networking

Compact system integrates a controller, operator interface, I/O and networking into one seamless solution. Displays from two line text to 15 inch Active Matrix color touch LCDs and sunlight readable. Free programming software combines graphical ladder and IEC1131 with HMI configuration in one database. All units are Class I, Div. 2. Rated.



Sixnet – Industrial Ethernet Switches, Dataloggers & Cellular Phone Modems

Industrial Ethernet switches with self healing ring. Ethernet to Fiber converters. RTUs with AGA calculations, loggers, ISAGRAF programming. Ethernet Industrial I/O with 16 bit resolution. Self dialing industrial telephone modems run on DC power. Serial to Ethernet converters. Web enabled remote site managers.



Bronkhorst – Flow, Pressure for low flow and high accuracy

Bronkhorst is the pioneer in the field of micro to low flow liquid metering. The fluid is measured directly without a bypass and very low rise in temperature. Compact modular valve manifold assemblies with tubeless construction with analog and digital communication.



American Sensor Technologies – Pressure Transmitters

AST manufactures state of art industrial pressure transducers. AST's proprietary Krystal Bond technology provides long term stability and eliminates drift. Also, every transducer has a maximum RFI/EMI protection designed to tough military aerospace standards. Temperature compensation is provided at sensor element.



Kayden – Flow, Level & Interface Thermal Dispersion Devices

Microprocessor-based circuitry supports automated diagnostics for sensor and electronics, MODBUS, 4-20 mA output, dual set points, keypad user interface, LED status lights and variable heater power. All welded sensors, Class I, Div. 1, flameproof enclosures, local displays with easy installation & low maintenance. Applications include hydro-carbon/water interface detection, pump seal protection, etc.



ABB – Unrivalled in its Scope and Applications Expertise.

ABB instrumentation is a global leader built on the heritage of Fischer & Porter, Bailey, TBI, Taylor, Sensycon, Hartmann & Braun and K-Flow. We offer a wide variety of FOUNDATION Fieldbus, PROFIBUS & HART enabled instrumentation.



As a part of our total customer commitment, Process Solutions Corp. is always pleased to offer value added services for our products. These services include training, application engineering, technical support and field startup assistance.

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