

Process Instrumentation



800-701-7460
www.daviscontrols.com



Instrumentation and Analytical solutions for industries and utilities.

To operate any process efficiently, it is essential to actuate, measure, record and control. When investing in ABB's measurement products and solutions you are receiving the best technology, reliability and service in the business:

- Level Measurement
- Analytical Measurement
- Temperature Measurement
- Flow Measurement
- Recorders & Controllers
- Force Measurement
- Pressure Measurement
- Actuators & Positioners
- Total Flow

Baumer

Passion for Sensors

The Baumer Group is one of the world's leading manufacturers of sensors, encoders, measuring instruments and components for automated image-processing:

- Presence Detection: Inductive, Photoelectric, Ultrasonic, Capacitive, Magnetic sensors
- Distance Measurement: Inductive, Laser, Light section, Edge, Ultrasonic sensors
- Encoders: Absolute, Incremental, Heavy Duty, Bearingless
- Angle Measurement: Format alignment, Inclination & Acceleration sensors
- Process Instrumentation: Level, Flow, Temperature, Pressure, Conductivity, Force
- Identification / Image: Industrial Cameras & Vision sensors

Danfoss

VLT drives: Dedicated, reliable and user-friendly products that fit your specific application requirements and reduce your total cost of ownership. Danfoss AC drives are independent of motor manufacturers and adapt to any motor technology.

- Low voltage drives, Decentral drives, Motion drives and gear motors, Soft starters

VAGON[®]

DRIVEN BY DRIVES

Optimum process control and energy efficiency for a wide variety of electric-motor-driven applications in a diverse range of industries. Including liquid and air-cooled drives. The portfolio covers a power range of 0.25 kW – 5.3 MW.

- Low voltage drives, Medium voltage drives, Decentral drives, Motion drives and Gear motors



Designs and manufactures a broad range of:

- Liquid Level Sensors & Switches
- Flow Sensors & Switches
- Pressure Sensors, Transducers, Switches
- Solenoid Valves
- Fluidic Systems



Arjay Engineering has been designing and manufacturing process and environmental controls for over 30 years for: Oil & Water, Level controls, Leak and Liquid interface alarms, Capacitance, Foam control Dry pump monitors, Gas deflection (in air) and Plugged chute detectors.

Process Instrumentation



Eldridge Products, Inc. (EPI™) manufactures the Master-Touch™ and ValuMass™ thermal mass flowmeters & sensors for the measurement of virtually any gas or gas mixture. The measurement of gas flows can be an integral part of plant and process operation, a requirement for environmental reporting, a part of energy and cost savings efforts, or all three.



Great Plains Industries, Inc. is respected globally for its high quality fuel transfer pumps, fuel meters, flowmeters and Industrial instrumentation for fluid transfer pump and liquid flowmeter markets around the world. The GPI®, FLOMEC® and GPRO® brands serve Industrial, Commercial and Retail customers in many applications: fuel, agriculture, chemicals, manufacturing, construction, mining, oil and gas, and many more.



The Davis / Klinger Magnetic Level Gauge is particularly suitable for duties where dangerous and toxic liquids or gases are involved and where the following features, benefits and options are required:

- Immediate and accurate response to level changes, giving clear and sharp legibility
- Continuous indication of liquid level, local and remote display
- Point switching
- No leakage to atmosphere. Automatic float warning
- Display can be rotated through 360° irrespective of float position
- High pressure & temperature capability – up to 200 bar unvented up to 400°C
- Standard SG range 0.4 – 2.2 Display unit protection IP67



Manufacturer of highly accurate and reliable flow measurement systems, capable of operating at low flow rates and compatible with most industrial chemicals and gases.

- Rheotherm flow instruments: flow meters and flow switches
- RheoVac systems and services for power plant condensers



Cable Installation Solutions offer reliable flexible and continuous flexing cable, wire management and industrial control solutions for factory automation applications.



Is a global leader in designing and manufacturing innovative controls, sensors and instrumentation solutions for the HVAC and process automation markets.



Reliable and precise measurement, control and calibration technology for flow, level, temperature, pressure and force.



As the technological leader in the field of non-invasive ultrasonic flow measurement with ultrasound, FLEXIM clamp-on ultrasonic measurement systems (FLUXUS) measure virtually anything that flows, liquids as well as gases. Clamp-on ultrasonic transducers are simply attached to the outside of the pipe – without any interruption to operation or any risk of leakage. Clamp-on ultrasonic technology is also suitable for the purposes of process analytics, such as for non-invasive concentration measurement.



Designs and manufactures a broad range of thermocouples and other temperature measurement solutions that are guaranteed to give you a cost effective solution that is sensitive, responsive and consistently accurate.



Flowline enables industrial manufacturers, chemical distributors, municipalities and energy or food providers to manage their contained liquid and solid assets with quality solutions that measure tank inventories, automate tank processes, ensure workplace safety and protect the environment with instruments for chemical, water, wastewater, oil and dry solid applications.



Take advantage of a liquid's conductive properties to complete a circuit and cause a control relay to actuate. These single or multi-point sensors have no moving parts and the stainless steel corrosion-resistant electrodes can be cut to any desired length. Multiple probes per fitting allow control of several functions in less space with less expense for equipment and installation.



West Control Solutions is a global specialist in the manufacture and supply of temperature and process control instrumentation. Comprising products from four market leading brands, CAL, Partlow, PMA and West, the comprehensive product portfolio includes single and multi-loop controllers, limit devices, indicators and transmitters along with recorders and tools for data acquisition.



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