



## CONTROL SOLUTIONS & DESIGN, INC.

9989 W. Emerald St. Boise, Idaho 83704 Phone 208 375-4422 Fax 208 375-4428  
E-mail: pdl@csdidaho.com www.csdidaho.com

### PLC's • WIRELESS • VFD's • PRESSURE • FLOW • LEVEL • TEMP • ANALYTICAL MEASUREMENT

Industrial Process Instrumentation & Automation Software Solutions • Design Documentation Drawings • Software Integration Solutions  
System Evaluation • Testing • Calibration • Combustion System Engineering • Gas Metering • Gas Monitoring • Gas Regulation • Gas Sensing  
Plant & Building Automation • Web Based DDC Integrated Solutions • Pneumatic • Training • FHP Geothermal Water Source Equipment

**AIC WIRELESS** - WIRELESS LONWORKS, BACnet MSTP/IP, MODBUS RTU/TCP, ETHERNET, RS485

**ADVANCED CONTROLS** - INVERTER BYPASS, PROX, PHOTO, SAFETY SWITCHES, STARTERS, DISCONNECTS

**ACR SYSTEMS, INC** - DATA ACQUISITION, PROCESS SIG, POWER, VOLTAGE, CURRENT, & WINDOWS SOFTWARE MMI

**ALLIED MOULDING** - INDUSTRIAL ENCLOSURES & ACCESSORIES, FIBERGLASS, COMPOSIT

**ANTUNES CONTROLS** - GAS, AIR PRESSURE SWITCHES, CONTROLLERS/INDICATORS, TIMERS

**ASCO** - SOLENOID VALVES, PRESSURE/TEMP SWITCHES, TRANSFER SWITCHES

**BACHARACH** - COMBUSTION ANALYZERS, LEAK DETECTION, AIR FLOW, TEMP, GAS MEASUREMENT

**BELIMO** - ACTUATED BALL VALVES & DIRECT COUPLED ACTUATORS, FIRE/SMOKE REPLACEMENT ACTUATORS

**BELLOFRAM** - I/P, E/P TRANSDUCERS, REGULATORS, POSITIONERS

**BRAUKMANN** - PRV'S, BALL VALVES, AIR VENTS, STEAM VALVES

**CAD DRAWINGS** - CUSTOM DIAGRAMS, SCHEMATICS, PANEL LAYOUTS, LOGIC, SYSTEMS IN COLOR

**CALEFFI** - HYDRONIC SOLUTIONS- STEAM/HW ZONE VALVES, BALANCING VALVES, AIR SEPERATION, VENTING, AUTO FILL, SOLAR, GEO, BIOMASS

**CONTEMPORARY CONTROLS** - ETHERNET SWITCHES, BACNET INTERFACE, ROUTERS

**CSD SUPPORT SERVICES** - CONTROL PANEL DESIGN AND FAB, TRAINING, ENGINEERING, START-UP SUPPORT, DOCUMENTATION

**CONTROL CONCEPTS / EMERSON** - ISLATROL FILTERS, ACTIVE TRACKING LINE FILTERS

**DELTA** - LIGHTNING ARRESTORS, ALL VOLTAGES

**DONGAN** - INDUSTRIAL CONTROL & IGNITION TRANSFORMERS

**DODGE ENGINEERING** - ACTUATED BALL VALVES, BUTTERFLY VALVES, STAINLESS STEEL, HIGH SPEED INDUSTRIAL ACTUATORS

**DRIVES** - VFD'S HONEYWELL, ABB, SIEMENS

**DWYER INSTRUMENTS** - LOW PRESSURE, FLOW, LEVEL, VELOCITY, DP SWITCHES, TRANSMITTERS & INSTRUMENTATION

**ECLIPSE COMBUSTION** - BURNERS, VALVES ACTUATORS SWITCHES

**EMERSON** - POWER QUALITY SOLUTIONS ISLATROL FILTERS, ACTIVE TRACKING LINE FILTERS

**EUROBEX** - PANELS, ENCLOSURES, NEMA 4, STAINLESS STEEL, CUSTOM PC ENCLOSURES, LARGE MODULAR FREE STANDING CC

**FIREYE** - FLAME SAFEGUARD CONTROLS, SYSTEMS, SMOKE DENSITY, COMBUSTION EFFICIENCY, AND FLAME MONITORING

**FHP/BOSCH MANUFACTURING** - INDUSTRIAL/COMMERCIAL WSHP'S, GEOTHERMAL EQUIPMENT, INDUSTRIAL BRONZEGLOW COATING AVAILABLE

**FISHER** - INDUSTRIAL VALVES AND REGULATORS

**FLUKE** - PROCESS CALIBRATORS, SCOPE METERS, POWER METERS, CABLE MAPPERS, PRESS, TEMP, DIGITAL MULTIMETERS, THERMAL IMAGING

**FUJI ELECTRIC** - INSTRUMENTATION, PLC'S, LOOP CONTROLLERS, STRIP RECORDERS, TRANSMITTERS

**FURON/DEKORON** - PNEUMATIC TUBING , 1/4"-1/2"

**GAS SENSING/TRANSMITTING** - HONEYWELL MANNING, AERIONICS, HONEYWELL ANALYTICS, SENSUS,MACURCO

**HANKISON** - INDUSTRIAL AND COMMERCIAL REFRIGERATED DRYERS, DESICCANT AND MEMBRANE DRYERS, OIL WATER SEPARATORS

**HBX** - SNOWMELT, BOILER, AND GEOTHERMAL CONTROL SYSTEMS

**HONEYWELL INC** - ALL PRODUCTS, PROCESS CONTROL, FLAME SAFEGUARD COMBUSTION, AUTOMATION, VALVES, ACTUATORS,  
FIRE/SMOKE, CONTROLLERS, WEBSTAT CONTROLLER, WEBS-AX, WIRELESS THERMOSTATS, VFD DRIVES

**HONEYWELL ANALYTICS** - GAS DETECTION, TOXIC, FLAMMABLE, AND COMBUSTIBLE FOR INDUSTRY, WIRELESS

**HONEYWELL MICROSWITCH** - SENSING & CONTROL PRODUCTS

**IDEC** - PLC'S, MMI TOUCH SCREEN DISPLAYS, SOFTWARE, OILTIGHTS, SENSORS, FIBER OPTICS, POWER SUPPLIES, RELAYS, TIMERS,  
SOCKETS, DIN RAIL, LEDS, DISPLAYS, PROX SWITCHES, ANNUNCIATORS, SIGNALIGHTS, STARTERS, SMARTRELAYS

**INTERMATIC/GRASSLIN CONTROLS** - HOUR METERS, DIGITAL COUNTDOWN TIMERS, SINGLE & MULTI-CHANNEL TIME CLOCKS



Wholesale Only



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**JOHNSON CONTROLS** - ALL PRODUCTS, VALVES, ACTUATORS, CONTROLLERS

**LITTELFUSE** - INDICATING FUSES, STANDARD FUSES, DISTRIBUTION BLOCKS, SPLICER BLOCKS, FUSE HOLDERS

**MAG** - PNEUMATIC AIR VALVES

**MACURCO** - GAS DETECTORS, TRANSMITTERS

**MAXITROL** - GAS PRESSURE REGULATORS, MUA DIRECT FIRED CONTROL COMPONENTS, SENSORS VALVES, CONTROLLERS

**MAXLINE** - TRIDIUM AX OPEN DRIVER SOLUTIONS TO UNLOCK PROPRIETARY SYSTEM FIELD BUSES

**MAXON** - BURNERS, COMBUSTION SSOV VALVES/ACTUATORS, FSG UL CONTROL PANELS

**MCDONNELL & MILLER** - LIQUID LEVEL, FLOW SWITCHES, LOW WATER CUTOFFS

**NOR'EAST** - (DEZURIK) INDUSTRIAL CONTROL VALVES, POSITIONERS, ACTUATORS

**NORTEC** - STEAM HUMIDIFIERS, CYLINDERS, HUMIDISTATS, CONTROLS, ENGINEERED STEAM DIST SOLUTIONS

**PACIFIC SEISMIC PRODUCTS (CALIFORNIA VALVE)** - EARTHQUAKE ACTUATED GAS SAFETY SHUT OFF VALVES

**PANEL FABRICATION** - CONTROL PANEL DESIGN, ENGINEERING

**PARTLOW CONTROLS** - PROCESS INSTRUMENTATION, RECORDERS, CONTROLLERS

**PENTAIR** - FLOWMETERS

**PHOENIX CONTACT** - TERMINAL BLOCKS, POWER SUPPLIES, SIGNAL CONDITIONERS/CONVERTERS, WIRELESS RADIO I/O, RELAYS

**PIETRO FIORENTINI** - GAS REGULATORS, HIGH TURNDOWN, HIGH CAPACITY, VENTLESS SOLUTIONS

**PROXIMITY CONTROLS** - SWITCHES, LEVEL, PROX, POSITION

**PHONE DIALERS** - CONTROL PRODUCTS, UNITED SECURITY PRODUCTS MULY-CHANNEL DIALER

**PYROMATION** - RTD'S, THERMOCOUPLES, TRANSMITTERS, PANEL INDICATORS, WIRE, WELLS

**QUINTELA** - WIRE DUCT, WRAP

**ROSEMOUNT MEASUREMENT** - PRESSURE, FLOW, TEMP TRANSMITTERS, PANEL INDICATORS, RTD'S, THERMOCOUPLES, LOOP SIGNAL CONDITIONERS

**SENSUS METERING SYSTEMS (FORMERLY EQUIMETER)** - GAS PRESSURE REGULATORS, METERS, GAS FLOW MEASUREMENT

**SETRA** - PRECISION PRESSURE TRANSMITTERS

**SIEMENS** - HVAC PRODUCTS VFD'S, ACTUATORS, VALVES, SENSORS

**SOFTWARE INTEGRATION** - WEB GRAPHICS, PROGRAMMING, DEVELOPMENT, DOCUMENTATION

**SYSTEM SENSOR** - SMOKE DETECTORS AND ACCESSORIES

**SCHNEIDER ELECTRIC BUILDINGS** - ELECTRONIC, PNEUMATIC CONTROLLERS, CONTROL SYSTEMS, VALVES ACTUATORS, OTHER FIELD DEVICES

**TCI** - VFD LINE REACTORS, FILTERS, AND HARMONIC GUARDS

**TESTO** - TEMPERATURE, HUMIDITY, VELOCITY, PRESSURE, FLUE GAS ANALYZERS, WATER QUALITY, INDOOR AIR QUALITY, TACHOMETERS

**TOMAR** - PANEL STROBE LIGHTS

**TRIDIUM/NiagaraAX/WEBS** - SOFTWARE FRAMEWORK FOR BUILDING DEVICE-TO-ENTERPRISE APPLICATIONS / INTERNET ENABLED  
AUTOMATION SYSTEMS, SECURITY SYSTEMS, CARD ACCESS, DVR'S, CAMERAS, SEDONA WIRELESS

**VAISALA** - HUMIDITY TRANSMITTERS, TEMPERATURE, PRESSURE, DEWPOINT, CALIBRATION TEST EQUIPMENT

**VERIS** - CURRENT SENSORS, KW METERING, PRESSURE & HUMIDITY TRANSMITTERS

**VARIABLE FREQUENCY DRIVES** - HONEYWELL, ABB, SIEMENS

**WATTSTOPPER** - ENERGY - EFFICIENT LIGHTING CONTROLS

**WARREN** - INDUSTRIAL PROCESS VALVES AND ACTUATORS

**WARRICK** - LIQUID LEVEL CONTROLS, ANNUNCIATORS, CONTROL PANELS, ALTERNATING RELAYS

**WEBSTER ELECTRIC** - FUEL TRANSFER, IGNITION TRANSFORMERS, TESTERS

**WEISS INSTRUMENTS** - GAUGES, DIAPHRAGM SEALS, TEMPERATURE & PRESSURE INSTRUMENTS, SOLAR INSTRUMENTS

**WIRE** - SHIELDED CABLE 2,3,4,6,8,10 CONDUCTOR, MULTI PAIRS, AERIAL/BURIAL, COMM CAT 5, ECHELON, BACNET, MODBUS, RTD, TC CBL

