

PV Line Cards:

- Actuation & Controls
- Commercial Plumbing
- Corrosive Fluid PVF Solutions
- Industrial PVF
- Instrumentation & Controllers
- Sanitary Process Division
- Steam, Hot Water, Humidification

Instrumentation



- **Gauges**
 - Bronze, Stainless Steel Tube, and Socket
 - Liquid Filled
 - Diaphragm Seals



- **Thermometers**
 - Bi-Metal
 - Alcohol Filled
 - Solar
 - Filled Systems



- **Thermocouples**
 - MgO (Magnesium Oxide Insulated) Industrial Straight Base-Metal Elements
 - Angle Base-Metal Elements
 - Noble-Metal Platinum Elements

- **Protection Tubes**
 - Metal-Alloy
 - Special Service Composite
 - Ceramic

- **RTDs**
 - Single & Duplex Elements
 - Water-Tight Assembly
 - Explosion-Proof

- **Thermowells**
 - Drilled, Flanged, Built-Up
 - Standard, Heavy-Duty, Straight Shank, Limited-Space, Reduced-Tip
 - Socket-Weld, Threaded, Flanged, Weld-In, Van Stone



- **Temperature Transmitters:** Explosion-Proof
- **Flow Meters:** Coriolis, Magnetic, Ultrasonic Clamp-On, Vortex, Thermal Mass Flow, Orifice, Cone, Flow Nozzle, Venturi
- **Level Transmitters:** Transmitters: Guided Wave, Ultrasonic, Radar, PTFE Submersible, Sludge Blanket, Pressure Based
- **Pressure Transmitters:** Smart Differential Pressure (DP), Explosion-Proof DP, Explosion-Proof Gauge, Smart Gauge
- **Validation Systems:** Tekvalsys Series (1) Tekvalsys DP, (2) Tekvalsys Gas Chromatographs

Controllers



A-T Controls MVC Series: MVCG1, MVCG2, MVCG3

- Mighty Controller MVCG2 Controller

FEATURES

- Compact Design
- High Resolution Analog (16 bit Analog Channels)
- High contrast OLED Touchscreen Display
- Embedded Position Sensor
- DCS and Modbus Compatible
- 24 point iGPIO® technology allows any industrial signal type
- ARM Cortex Processr
- 1GB onboard flash
- Dedicated secondary I/O microprocessor
- Extremely wide temperature range, -40°C to 80°C
- Universal Isolated Power Supply



APPLICATIONS

- Pressure Control
- Flow Control
- Temperature Control
- Emissions Detection
- Process Monitoring
- Condition Monitoring
- Predictive Maintenance
- Optimization

STANDARDS

- IEC 61010-1