

# Pietro Fiorentini Governor Line Pressure Regulators

The Governor line of gas regulators are designed to comply with the latest CSA and international standards for regulators suitable for indoor and outdoor installations with no modifications. They are ideal for a wide range of residential through large industrial applications. All Governor regulators are equipped with balanced valve design for improved high outlet pressure accuracy regardless of inlet pressure variation. The double diaphragm with integral vent limiter provides added security. The external vent limiter reduces piping costs and the need for costly vent piping for indoor installations.

## Additional Information

- Suitable for use with Natural Gas, LPG, and other non-corrosive clean gas
  - Inlet Pressure: 3" W.C. to 2 PSIG CSA approved SA Appr
  - Max. Inlet 7.25 PSIG for non-CSA applications
  - Outlet pressure: 2" W.C. to 14" W.C. and up to 4.25 PSIG for non-CSA applications
  - Temperature range: -40°F to 150°F
  - Connections: 1/2" thru 4"
  - Maximum Emergency Inlet Exposure Pressure: 80 PSIG
  - Suitable for Indoor or Outdoor Installation
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# **Pietro Fiorentini Norval Pressure Regulator**

Norval pressure regulators are direct acting devices for low and medium pressure applications, controlled by a diaphragm and counter spring. These regulators are suitable for use with previously filtered, non-corrosive gasses and Bio Gas, depending upon its composition. The modular design of the Norval pressure regulator allows the addition of a slam shut device for use as an "in-line monitor" installed in the same body, without changing the face-to-face dimensions.

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# **Precision Digital Large Display Process Meter**

The PD650, PD655 and PD656 are Large Display Process Meters with flow rate, totalizer and batch control capabilities. Each accepts the common process signals such as 4-20 mA, 0-5 VDC, 1-5 VDC and 0-10 VDC and displays these signals in engineering units on a large, high efficiency, 4½ digit red LED display. All units also provide two isolated 24 V power supplies to drive both the input and output loops.

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# Precision Digital Survivor NEMA 4X Loop-Powered Meter

The PD662 NEMA 4X, CSA Certified loop-powered meter is perfect for applications where a simple, inexpensive display is required and AC power is not available. The PD662 derives all its power from the 4-20 mA loop. The PD662 is scaled using four push buttons and can be done without applying an actual calibration signal. The PD662's display will read up to 2999; we call this 3+ digits!

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## Pyromation RTD Assemblies

Resistance temperature detectors (RTD) accurately sense temperature with an excellent degree of repeatability and

interchangeability of elements. The RTD is composed of certain metallic elements whose change in resistance is a function of temperature. In operation, a small excitation current is passed across the element, and the voltage, which is proportional to resistance, is then measured and converted to units of temperature calibration. The RTD element is manufactured by winding a wire (wire wound elements) or plating a film (thin film elements) on a ceramic or glass core and sealing the element within a ceramic or glass capsule.

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## **Pyromation Thermocouples**

Thermocouples are the most common, convenient, and versatile devices used to measure temperature. They convert units of heat into useable engineering units that serve as input signals for process controllers and recorders. Pyromation produces a wide range of thermocouples for most market applications, including MgO (Magnesium Oxide), industrial and general purpose types. We also make thermocouple assemblies for hazardous locations and other applications that require connection heads, protection tubes, thermowells and/or transmitters.

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## **Pyromation Thermowells**

A thermowell is a pressure-tight receptacle that protects and extends the life of a temperature sensor in processing applications where the sensor is not mechanically or chemically compatible with the process environment. Installed

directly into the piping systems, thermowells facilitate sensor replacement in high pressure pipelines and eliminate the need to interrupt the process flow or drain the process system for sensor maintenance functions. The use of standardized thermowells permits simple relocation of sensors throughout a plant.

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## **Restrained Spring Isolator**

Vibro-Acoustics' CSR series of floor-mounted, housed isolators provide vibration isolation for mechanical systems and equipment.

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## **Rubber-In-Shear      Equipment Mounts**

Vibro-Acoustics SRD series of seismically-rated double-deflection neoprene floor mounts provide mid- to high-frequency vibration isolation for floor-mounted equipment mounted on stiff supporting structures.

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# Seismic Free Spring

The Vibro-Acoustics SFS series of seismically-rated floor-mounted free spring isolators provide vibration isolation for mechanical systems and equipment.

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## Seismic Inline Pump Stands (SIPS)

Vibro-Acoustics' Seismic Inline Pump Stands are a series of high-strength steel supports engineered for a wide range of pump and motor size combinations to provide rigid support and restraint for vertical inline pumps. Common applications include all vertical inline pumps serving chilled water, condenser water, heating water, and all other piping systems within and outside building structures.

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## Seismic Restrained Spring Isolator

Vibro-Acoustics' SCSR series of seismically rated floor mounted restrained isolators provide vibration isolation and restraint for mechanical systems and equipment.

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# **Seismic Restraint Brackets (SRB)**

The brackets are designed for a wide range of seismic forces and include rubber grommet washers as appropriate to minimize shock forces at anchor locations – helping to ensure equipment not only stays in place during and after an extreme event but also remains operational. The neoprene grommets also help minimize vibration transmission through the brackets which are commonly used in conjunction with NSN neoprene pad isolators.

Common applications include floor-mounted equipment that have a rigid base frame using formed or structural steel channels or tubes such as air-handling units, fan-coil units, compressors, condensing units, packaged pumping systems, air-cooled chillers, boilers, tanks, etc. which may or may not be mounted on neoprene pad isolators and which require restraint against seismic forces.

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## **Seismic Restraints & Vibration Brochure**

Consulting engineers need practical solutions to noise, vibration and restraint design problems. Contractors need suppliers with project management capability to ensure the lowest installed cost. Owners need quiet buildings – guaranteed.

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# Seismic Roof Curb

Vibro-Acoustics' VCR noise control curb system is usually integral to the solution.