

INSTRUMENTATION AND PROCESS CONTROL SOLUTIONS FOR THE NATURAL GAS INDUSTRY



**Advanced Technology
to make pressure control
plain and simple.**

Flare / Burner Systems



High flow regulators for gas vent control.

Process Control Valve Systems



Quick response regulators for reliable valve operation.

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Precision regulator and low bleed controllers for sensitive instrument control.



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Type-950 Explosion-proof I/P Transducer



Features

- Explosion-proof NEMA-4X(IP65) enclosure
- RFI, EMI protected
- Shock, vibration and position insensitive
- Field-selectable outputs (optional)
- Highly tolerant of impure air
- Optional tapped exhaust and conduit seal required for FM/CSA approval when using natural gas (sweet) or methane

Specifications

Flow Capacity SCFM (NI/min):	12.0 (360)
Terminal Based Linearity (% of span):	±0.10
Repeatability (% of span):	< 0.10
Supply Pressure Max. PSIG (BAR):	100 (7)
Port Size (Pneumatic):	1/4 NPT
Port Size (Electric):	1/2 NPT
Operating Temperature:	-40 ^o to 160 ^o F (-40 ^o to 71 ^o C)
Output Pressure Ranges PSIG (BAR):	3-15 (0.2-1), 3-27 (0.2-1.8), 6-30 (0.4-2)

Type-700 Precision High Flow Pressure Regulator



Features

- Allows flow capacity up to 80 SCFM
- Dampening action of aspirator tube provides stability under varying flow conditions
- Sensitive to minute changes in down stream pressure

Specifications

Flow Capacity SCFM (NI/min):	80 (2,400)
Exhaust Capacity SCFM (NI/min):	4 (120)
Sensitive Inch wc (mm):	0.25 (6.4)
Supply Pressure Max. PSIG (BAR):	250 (17)
Approximate Size (inches):	DIA 3.0 H 6.0
Approximate Size (mm):	DIA 76 H 152
Operating Temperature:	-40 ^o to 160 ^o F (-40 ^o to 71 ^o C)
Output Pressure Ranges PSIG (BAR):	0-2 (0-0.14), 0-15 (0-1), 0-30 (0-2), 0-60 (0-4), 0-150 (0-10)

Type-330/340 Instrument Air Regulator and Filter Regulator



Features

- Compact and lightweight construction
- 1/4" NPT and 1/2" NPT ported versions
- Automatic drain option
- High flow capacity
- Direct, pipe or bracket mounting
- Low air consumption
- Tapped exhaust option
- Rugged, corrosion resistant design

Specifications

Exhaust Capacity SCFM (NI/min):	0.1 (2.8)
Sensitivity:	1 inch of water
Air consumption SCFH (NI/min):	< 5 (2.5)
Supply Pressure Max. PSIG (BAR):	250 (17)
Operating Temperature:	0 ^o to 160 ^o F (-18 ^o to 71 ^o C) 32 ^o to 160 ^o F (0 ^o to 71 ^o C) auto drain
Port Sizes NPT:	1/4, 1/2
Ranges PSIG (BAR):	0-30 (0-2), 0-60 (0-4), 0-120 (0-8)

Type-350/360 Stainless Steel Filter Regulator & Regulator



Features

- Low temperature option
- Autodrain option
- 316 stainless steel internal and external
- Viton seals
- NACE approved
- Large flow capacity
- Low air consumption
- Tapped exhaust

Specifications

Flow Capacity SCFM (NI/min):	20 (600) 1/4" NPT, 160 (4,800) 1/2" NPT
Exhaust Capacity SCFM (NI/min):	1.0 (30)
Sensitivity Inch wc (mm):	1.0 (25.0)
Supply Pressure Max. PSIG (BAR):	290 (20)
Operating Temperature:	-20 ^o to 185 ^o F (-29 ^o to 85 ^o C) -58 ^o to 194 ^o F (-50 ^o to 90 ^o C) low temp.
Port Sizes NPT/BSP:	1/4, 1/2
Ranges PSIG (BAR):	0-30 (0-2), 0-60 (0-4), 0-100 (0-7), 0-150 (0-10)

Type-3500 High Pressure Regulator



Features

- Repeatable pressure output
- Corrosion-resistant construction
- Choice of three output ports
- Socket head or Tee Handle adjustment
- Multi-seat rotating valve block provides up to 4 replacement sealing surfaces
- High Maximum inlet pressure
- Low cost makes this unit ideal for high volume OEM applications

Specifications

Supply Pressure Max. PSIG (BAR):	6000 (413)
Operating Temperature:	-70 ^o to 225 ^o F (-57 ^o to 107 ^o C)
Inlet Port NPT:	1/4"
Outlet Ports (3) NPT:	1/4"
Weight:	3.25 lb (1.5 kg)
Ranges PSIG (BAR):	0-125 (0-9), 0-150 (0-10), 0-225 (0-16),

Other Natural Gas Applications



Offshore Platforms



Natural Gas Compressors



Tank Blanking