Instrument Regulators
For Noncorrosive/Corrosive Service
Model 23

These general purpose low-flow, high-precision regulators are compact and suitable for line or panel mounting in both industrial and laboratory applications. A micrometer-type adjustment offers a precision control of delivery pressure in a nonrelieving bubble-tight shutoff design. Gauge port and filter screens in both inlet and outlet connections are standard.

Benefits/Features
UL-approved for use with air, argon, helium, hydrogen, krypton, neon, oxygen, nitrogen and xenon.
Bubble-tight shutoff at 100 psi (6.9 bar).
Inlet and outlet filter screens.
Clean room assembled.
Ideal for use at flowrates below 1 SLPM (air).

Specifications
Inlet Pressure: 250 psig (17 bar) maximum
Operating Temperature: 140°F (60°C) max
Inlet Connection: 1/8" NPT Female
Outlet Connection: 1/8" NPT Female
Gauge Size: 1.5" (41 mm) face (optional)
Weight:
23A: 0.9 lb. (0.4 kg)
23S: 0.5 lb. (0.2 kg)

Materials of Construction
Body: Aluminum or 316 Stainless Steel
Diaphragm: Buna-N
Seat: PTFE
Seal:
23A: Buna-N
23S: Viton®
Bonnet: Aluminum

Model 23
Aluminum Stainless Steel Delivery Pressure Range
<table>
<thead>
<tr>
<th>Model 23</th>
<th>Aluminum</th>
<th>Stainless Steel</th>
<th>psig</th>
<th>bar</th>
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<tbody>
<tr>
<td>Q1-23A-05</td>
<td>Q1-23S-05</td>
<td></td>
<td>0 – 0.5</td>
<td>0 – 0.1</td>
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<tr>
<td>Q1-23A-10</td>
<td>Q1-23S-10</td>
<td></td>
<td>1 – 10</td>
<td>0.1 – 0.7</td>
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<td>Q1-23A-30</td>
<td>Q1-23S-30</td>
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<td>1 – 30</td>
<td>0.1 – 2</td>
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<td>Q1-23S-60</td>
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<td>1 – 60</td>
<td>0.1 – 4</td>
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<tr>
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<td>Q1-23S-100</td>
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<td>1 – 100</td>
<td>0.1 – 7</td>
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<tr>
<td>Q1-23A-200</td>
<td>Q1-23S-200</td>
<td></td>
<td>1 – 200</td>
<td>0.1 – 14</td>
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</tbody>
</table>

Option: Model 68C Series and Model 68D Series pressure gauges