Superior regulation and excellent stability make the P32 Regulator ideal for lower flow applications. Square head adjustment screw allows for easy in-field calibration. The P32 is available with handwheel adjustment, output pressure gauge and/or mounting bracket as options. The use of a relief valve is recommended for this product in accordance with NFPA 58.

- 60-mesh screen
- UL listed (Standard P32)
- NACE construction available
- Harmful particles blocked
- Non-Relieving
- Temperature Range -0 to 160˚F

This reliable precision preset regulator is ordered with the exact pressure regulation required. Ideal for areas requiring tamper resistant components or where incidental re-adjustment is a concern. The use of a relief valve is recommended for this product in accordance with NFPA 58.

- 60-mesh screen
- UL listed (Standard P36)
- NACE construction available
- Harmful particles blocked
- Release undesirable moisture
- Non-Relieving
- Temperature Range -0 to 160˚F

The P37 contains many of the same characteristics as the P38, but at a reduced price. At 110 SCFM (16.5 Mbtu/hr), the P37 offers flow rates comparable to current market suppliers. The use of a relief valve is recommended for this product in accordance with NFPA 58.

- Balanced pintle design
- Bubble tight/non-relieving
- 16.5 Mbtu/hr. (110 scfm)
- UL listed
- Bellofram Rolling Diaphragm
- High flow capacity
- Enclosed space use
- High volume applications
- Non-Relieving
- Temperature Range -40 to 200˚F

The P38 uses a patented balanced pintle design which eliminates unsteady changes in outlet pressure due to inlet pressure fluctuations. The P38 is a spring opposed, diaphragm - operated, non-relieving regulator. The use of a relief valve is recommended for this product in accordance with NFPA 58.

- Balanced pintle design
- Bubble tight/non-relieving
- 27 Mbtu/hr (260 scfm)
- UL listed
- Bellofram Rolling Diaphragm
- Exceptional flow capacity
- Enclosed space use
- High volume applications
- Minimal effect on output pressure from variation of supply pressure

Specifications

<table>
<thead>
<tr>
<th></th>
<th>P32</th>
<th>P36</th>
<th>P37</th>
<th>P38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>1” water column</td>
<td>1” water column</td>
<td>1” water column</td>
<td>1/2” water column</td>
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<tr>
<td>Max. Inlet Pressure</td>
<td>250 PSIG (17 BAR)</td>
<td>250 PSIG (17 BAR)</td>
<td>400 PSIG (28 BAR)</td>
<td>400 PSIG (28 BAR)</td>
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<tr>
<td>Port Size</td>
<td>1/4 NPT</td>
<td>1/4 NPT</td>
<td>1/2, 3/4 NPT</td>
<td>3/8, 1/2, 3/4, 1 NPT</td>
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<tr>
<td>Outlet Ranges</td>
<td>0-10, 0-30, 0-60, 0-120 PSIG (0-0.7, 0-2, 0-4, 0-8 BAR)</td>
<td>0-20, 0-40, 0-60 PSIG (0-1.4, 1.4-2.8, 2.8-4 BAR)</td>
<td>0-10, 0-30, 0-60, 0-125 PSIG (0-0.7, 0-2, 0-4, 0-8 BAR)</td>
<td>0-30, 0-60, 0-125 PSIG (0-2, 0-4, 0-8 BAR)</td>
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<tr>
<td>Adjustment</td>
<td>None</td>
<td>T-Bar</td>
<td>T-Bar</td>
<td>T-Bar</td>
</tr>
<tr>
<td>Materials of Construction</td>
<td>Aluminum, Brass, Plated Steel, Buna-N</td>
<td>Aluminum, Brass, Plated Steel, Buna-N</td>
<td>Zinc, Aluminum, Plated Steel, Buna-N, Brass</td>
<td>Zinc, Aluminum, Plated Steel, Buna-N, Brass</td>
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<tr>
<td>Approximate Weight</td>
<td>0.85 lbs, 0.38 kg</td>
<td>0.70 lbs, 0.32 kg</td>
<td>1.4 lbs, 0.63 kg</td>
<td>5.0 lbs, 2.25 kg</td>
</tr>
</tbody>
</table>

Applications

- Pneumatic Controllers
- Valve Positioners
- Actuation
- Fuel Gas
- Compressed Air
# P32, 36, 37 & 38 Part Matrix

<table>
<thead>
<tr>
<th>P0</th>
<th>Body Size</th>
<th>Spring Range (see ‘NOTE’ for P36)</th>
<th>Special Construction</th>
<th>Adjusting Method</th>
<th>Versions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>02</td>
<td>1/4&quot;</td>
<td>None</td>
<td>No Option</td>
<td>Standard</td>
</tr>
<tr>
<td></td>
<td>03</td>
<td>3/8&quot;</td>
<td>Epoxy Paint</td>
<td>Adjusting Screw</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>04</td>
<td>1/2&quot;</td>
<td>Tapped supply</td>
<td>Handwheel</td>
<td>P32 only</td>
</tr>
<tr>
<td></td>
<td>06</td>
<td>3/4&quot;</td>
<td>port for gauge</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>08</td>
<td>1&quot;</td>
<td>Both options 1 &amp; 2</td>
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<tr>
<td></td>
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<td>PED Version (for EU)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Tapped vent</td>
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<tr>
<td></td>
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<td>Options 1 &amp; 5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Options 2 &amp; 5</td>
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</tr>
</tbody>
</table>

## Body Size

- **02**: 1/4" P32 & P36 only
- **03**: 3/8" P38 only
- **04**: 1/2" P37 & P38 only
- **06**: 3/4" P37 & P38 only
- **08**: 1" P38 only

## Spring Range

- **010**: 0-10 PSIG 0-0.7 BAR P32 & P37 only
- **030**: 0-30 PSIG 0-2 BAR P32, P37, P38
- **060**: 0-60 PSIG 0-4.1 BAR P32, P37, P38
- **120**: 0-120 PSIG 0-8.3 BAR P32 only
- **125**: 0-125 PSIG 0-8.6 BAR P37 & P38 only

### Special Construction

- **0**: None
- **1**: Epoxy Paint P37 & P38 only
- **2**: Tapped supply port for gauge P38 only
- **3**: Both options 1 & 2 P38 only
- **4**: PED Version (for EU) P32, P37 & P38 only
- **5**: Tapped vent P32, P37 & P38 only
- **6**: Options 1 & 5 P37 & P38 only
- **7**: Options 2 & 5 P38 only

### Adjusting Method

- **0**: No Option P36, P37 & P38 only
- **1**: Adjusting Screw P32 only
- **2**: Handwheel P32 only

### Versions

- **0**: Standard
- **N**: NACE P32 & P36 only

## P32 Gas Regulator

**Supply Pressure 100 PSIG**

<table>
<thead>
<tr>
<th>Pressure Out</th>
<th>PSIG BAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>6.2</td>
</tr>
<tr>
<td>80</td>
<td>4.8</td>
</tr>
<tr>
<td>70</td>
<td>3.4</td>
</tr>
<tr>
<td>60</td>
<td>2.1</td>
</tr>
<tr>
<td>50</td>
<td>1.4</td>
</tr>
<tr>
<td>40</td>
<td>0.7</td>
</tr>
<tr>
<td>30</td>
<td>0</td>
</tr>
</tbody>
</table>

### Gas Flow (SCFM @ 0.6 Specific Gravity)

- **0-30 psig**: SCFM 0 5 10 15 20 25 30 35 40
- **0-60 psig**: LPM 0 142 283 425 566 708 850 991 1133
- **0-120 psig**:

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**NOTE**: For P36

Enter the preset value in PSIG,

Example: 10 PSIG = 010

Minimum Pressure = 2 PSIG

Maximum Pressure = 60 PSIG
**P36 Gas Regulator**
Supply Pressure 100 PSIG

**P37 Gas Regulator**
Supply Pressure 100 PSIG — 3/4 NPT

**P38 Gas Regulator**
Supply Pressure 100 PSIG — 3/4 NPT