67D Series Pressure Reducing Regulators

- Optional Smart Bleed™ Construction
- Optional Stainless Steel Construction
- Compact and Light Weight
- No Air Loss

- Easy Maintenance
- Optional Integral Filter
- Optional Internal Relief Valve
- Rugged Construction

Figure 1. 67D Series Pressure Reducing Regulators
67D Series Specifications

The Specifications section gives some general specifications for the 67D Series regulator. A label on the spring case gives the control spring range for a given regulator as it comes from the factory.

Available Configurations
- **Type 67D**: Direct-operated regulator with aluminum body and without internal relief
- **Type 67DR**: Aluminum body with internal relief
- **Type 67DS**: Stainless steel body without internal relief
- **Type 67DSR**: Stainless steel body with internal relief
- **Type 67DF**: Aluminum body with filter and without internal relief
- **Type 67DFR**: Aluminum body with filter and internal relief
- **Type 67DFS**: Stainless steel body with filter and without internal relief
- **Type 67DFSR**: Stainless steel body with filter and internal relief

See also Table 1

Body Size, Inlet and Outlet Connection Style

1/2 NPT

Construction Materials

See Table 3

Maximum Inlet Pressure (Body Rating)(1)
- All filtered models: 250 psig / 17.2 bar
- All unfiltered models: 400 psig / 27.6 bar

Outlet Pressure Ranges

See Table 2

Maximum Emergency Outlet Pressure(1)

150 psi / 10.3 bar over outlet pressure setting up to a maximum of 250 psi / 17.2 bar

Flow Capacities

See Table 4 and Capacity Information section

Wide-Open Flow Coefficients
- **Main Valve**: $C_g: 45.24$; $C_v: 1.33$; $C_i: 35.02$
- **Internal Relief Valve**: $C_g: 1.45$; $C_v: 0.045$; $C_i: 32.8$

IEC Sizing Coefficients

$X_t: 0.75$

Types 67DR, 67DSR, 67DFR and 67DFSR Internal Relief Performance

Low capacity for minor seat leakage only, other overpressure protection must be provided if inlet pressure can exceed the maximum pressure rating of downstream equipment or exceeds maximum outlet pressure rating of the regulator.

Approximate Weights
- Types 67D and 67DR: 1.2 lb / 0.5 kg
- Types 67DF and 67DFR: 2.0 lbs / 0.9 kg
- Types 67DS and 67DSR: 2.8 lbs / 1.2 kg
- Types 67DFS and 67DFSR: 4.6 lbs / 2.1 kg

Smart Bleed™ Check Valve Setpoint

6 psi / 0.41 bar differential

Pressure Registration

Internal

Spring Case Vent Location

Aligned with inlet standard, other positions optional

Drain Valve Location

Aligned in the center of the dripwell

Temperature Capabilities(1)

**With Nitrile (NBR)**

- Standard Bolting: -20 to 180°F / -29 to 82°C
- Stainless Steel Bolting: -40 to 180°F / -40 to 82°C

**With Fluorocarbon (FKM)³:**

- Polyethylene Filter⁴ (standard): 0 to 180°F / -18 to 82°C
- Polyvinylidene (PVDF), Stainless Steel or Glass Filter (Optional): 0 to 300°F / -18 to 149°C

**With Silicone (VMQ)² diaphragm, Low Temperature Nitrile (NBR) O-rings and Low Temperature bolting:**

- -60 to 180°F / -51 to 82°C
- With Gauges: -40 to 180°F / -40 to 82°C
- With Automatic drain: 40 to 175°F / 4 to 79°C

**Types 67DF, 67DFR, 67DFS and 67DFSR Filter Capabilities**

**Micron Rating:**

- Polyethylene Filter⁴ (standard): 5 microns
- Glass Fiber Filter (Optional): 5 microns
- PVDF Filter (Optional): 40 microns
- Stainless Steel Filter (Optional): 40 microns

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1. The pressure/temperature limits in this Bulletin and any applicable standard or code limitation should not be exceeded.
2. Silicone (VMQ) is not compatible with hydrocarbon gas.
3. Product complies with the material requirements of NACE International MR0175 or MR0103. Environmental limits may apply.
4. Do not use in high aromatic hydrocarbon service.
5. Consult factory for applications where the Smart Bleed unit will be at process temperatures above 180°F / 82°C for an extended period.
Options

All Types
• Handwheel adjusting screw
• NACE International MR0175 or MR0103\(^{(3)}\) construction
• Panel mount (includes spring case with 1/4 NPT vent, handwheel and panel mounting nut)
• Closing cap (available on spring case with 1/4 NPT vent)
• Fluorocarbon (FKM) elastomers for high temperatures and/or corrosive chemicals
• Silicone (VMQ) elastomers for cold temperatures

All Types (continued)
• Fixed Bleed Restriction
• Triple scale outlet pressure gauge (brass or stainless steel)
• Stainless steel stem and valve plug
• Pipe plug in second outlet
Types 67DFR and 67DFSR only
• Smart Bleed internal check valve\(^{(1)}\)
Types 67DF, 67DFR, 67DFS and 67DFSR
• Stainless steel drain valve

Introduction

The 67D Series regulators are typically used to deliver constant reduced pressure of gaseous fluids to pilot-operated controllers and other pneumatic instrumentation. As shown in the Available Configurations table, an assortment of regulators is available to meet diverse flow requirements.

Features

• **Compact**—The 67D Series regulators are engineered for outstanding performance in a compact, lightweight package.
• **Pilot Supply Regulator**—Improves the accuracy of two-path control regulators by reducing inlet sensitivity caused by fluctuating inlet pressures.
• **Pressure Loading Regulator**—Provides accuracy and improved performance in dirty steam service by eliminating the need for a pilot regulator.
• **Sour Gas Service Capability**—NACE International MR0175 and MR0103 compliant construction available.
• **Optional Stainless Steel Construction**—The Types 67DS, 67DSR, 67DFS and 67DFSR provide high resistance to corrosion, which is especially beneficial for offshore applications.

• **Full Usable Capacity**—Fisher™ regulators are laboratory tested. 100% of the published capacities can be used with confidence.
• **Internal Relief**—The Types 67DR, 67DSR, 67DFR and 67DFSR have an internal relief valve with a soft seat for reliable shutoff with no discernible leakage. These regulators are recommended for conserving plant air.
• **Smart Bleed™**—Opens to exhaust downstream pressure when inlet pressure drops below outlet pressure. Recommended for dead-end service, fail-safe actuators and no bleed applications.
• **Integral Filter**—The Types 67DF, 67DFR, 67DFS and 67DFSR have an integral filter ensuring clean downstream air supply.
• **Ease of Maintenance**—No special tools are required to perform maintenance and all maintenance can be performed with the regulator in the line. Filter elements are easily replaced.
• **Rugged Construction**—The 67D Series regulators are engineered for longer service life with minimal maintenance requirements.
• **Dual Second Outlets**—Body side outlets for pressure gauge or other uses.
• **Corrosion Resistant Fasteners**—Bolting and adjusting screw are double zinc-chromated for enhanced corrosion resistance. Optional stainless steel bolting and adjusting screw are also available.

1. The Smart Bleed internal check valve is bubble tight at temperatures down to -40°F / -40°C. Leakage from P\(_1\) to P\(_2\) is possible at temperatures below -40°F / -40°C.
### Table 1. Available Configurations

<table>
<thead>
<tr>
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<th>CONSTRUCTION FEATURE</th>
<th>OPTIONAL FEATURE</th>
<th>BODY MATERIAL</th>
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<tr>
<td></td>
<td>With Internal Relief</td>
<td>Smart Bleed™</td>
<td>Aluminum</td>
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<tr>
<td></td>
<td></td>
<td>Internal Check</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Valve Airset</td>
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<tr>
<td></td>
<td>With Filter</td>
<td>Drain Valve</td>
<td>Stainless Steel</td>
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<td>External Fixed</td>
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<td>67DFS</td>
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<tr>
<td>67DFSR</td>
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### Table 2. Outlet Pressure Ranges and Control Spring Data

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<td>bar</td>
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<td></td>
<td>0 to 35</td>
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<td>0 to 4.1</td>
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<td>0 to 125</td>
<td>0 to 6.6</td>
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<td>0 to 1.4</td>
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<td>0 to 35</td>
<td>0 to 2.4</td>
</tr>
<tr>
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<td>0 to 60</td>
<td>0 to 4.1</td>
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<td>0 to 150</td>
<td>0 to 10.3</td>
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### Table 3. Construction Materials

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<th>MATERIAL</th>
<th>TYPE</th>
<th>67D and 67DR</th>
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<th>67DS and 67DSR</th>
<th>67DFSR and 67DFSR</th>
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<tr>
<td>BODY AND</td>
<td>Aluminum (ASTM B85/Alloy 380)</td>
<td>CF8M/CF3M Stainless steel</td>
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<td>SPRING CASE</td>
<td>Zinc-plated steel</td>
<td>316L Stainless steel</td>
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<td></td>
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<td>SPRING RETAINER</td>
<td>Zinc-plated steel</td>
<td>316 Stainless steel</td>
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<td>UPPER SPRING SEAT</td>
<td>Chromate conversion coated Aluminum</td>
<td>316 Stainless steel</td>
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<tr>
<td>DIAPHRAGM PLATE</td>
<td>Plated steel or Inconel® (NACE)</td>
<td>Inconel®</td>
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<td></td>
<td></td>
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<td>CONTROL SPRING</td>
<td>Brass, Aluminum or Stainless steel</td>
<td>316L Stainless steel</td>
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<td></td>
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<td>VALVE STEM</td>
<td>Stainless steel or Inconel® (NACE)</td>
<td>316 Stainless steel</td>
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<tr>
<td>VALVE PLUG</td>
<td>Nitrile (NBR), Fluorocarbon (FKM), Low Temp Nitrile (NBR) or Silicone (VMQ)</td>
<td>Nitrile (NBR) or Fluorocarbon (FKM)</td>
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<td>BOLTING AND ADJUSTING SCREW</td>
<td>Zinc-plated steel or Stainless steel</td>
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<td>HANDWHEEL</td>
<td>Zinc-plated steel</td>
<td>316 Stainless steel</td>
<td>Zinc-plated steel</td>
<td>316 Stainless steel</td>
<td></td>
</tr>
<tr>
<td>FILTER RETAINER</td>
<td>Plastic, Glass fiber or Stainless steel</td>
<td>Plastic, Glass fiber or Stainless steel</td>
<td>316 Stainless steel</td>
<td>18-8 Stainless steel</td>
<td></td>
</tr>
<tr>
<td>FILTER ELEMENT</td>
<td>Plastic, Glass fiber or Stainless steel</td>
<td>Plastic, Glass fiber or Stainless steel</td>
<td>316 Stainless steel</td>
<td>18-8 Stainless steel</td>
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<td>DRAIN VALVE</td>
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<td>316 Stainless steel or 18-8 Stainless steel</td>
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<tr>
<td>DRIPWELL</td>
<td>Aluminum (ASTM B85/Alloy 380)</td>
<td>CF8M/CF3M Stainless steel</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Silicone (VMQ) diaphragm is only available with internal relief (Types 67DR, 67DSR, 67DFR and 67DFSR).

Inconel® is a mark owned by Special Metals Corporation.
**Principle of Operation (Figure 2)**

Downstream pressure is registered internally on the lower side of the diaphragm. When the downstream pressure is at or above the set pressure, the valve plug is held against the orifice and there is no flow through the regulator. When demand increases, downstream pressure drops slightly allowing the spring to extend, moving the stem down and the valve plug away from the orifice. This allows flow through the regulator.

**Internal Relief**

*(Types 67DR, 67DSR, 67DFR and 67DFSR)*

If for some reason, outside of normal operating conditions, the downstream pressure exceeds the setpoint of the regulator, the force created by the downstream pressure will lift the diaphragm until the diaphragm is lifted off the relief seat. This allows flow through the token relief. The relief valve on the Type 67DR, 67DSR, 67DFR or 67DFSR is an elastomer plug that prevents leakage of air from the downstream to atmosphere during normal operation, thereby conserving plant air.

**Smart Bleed Airset**

Recommended for fail-safe actuators, no bleed applications and dead-end service.

In some cases, it is desired to exhaust downstream pressure if inlet pressure is lost or drops below the setpoint of the regulator. For example, if the regulator is installed on equipment that at times has no flow demand but is expected to backflow on loss of inlet pressure. The Types 67DFR and 67DFSR can be ordered with the Smart Bleed option which includes an integrated soft seat check valve. During operation, if inlet pressure is lost or decreases below the setpoint of the regulator, the downstream pressure will back flow upstream through the regulator and check valve. This option eliminates the need for a fixed bleed downstream of the regulator, thereby conserving plant air. In addition, the soft seat feature of the check valve eliminates leakage while the airset is in the lock-up position, preventing pressure build-up that could trip safety loop functions on valves.

**Installation**

The 67D Series regulators may be installed in any position but vertical orientation is recommended for models with draining features. Spring case vents must be protected against the entrance of rain, snow, debris or any other foreign material that might plug the vent openings. The inlet connection is marked “In” and the main outlet connection is marked “Out”. If a pressure gauge is not installed in one of the two secondary outlet connections, plug the unused connections. See Figures 4 and 5 for dimensions.

Emerson Process Management Regulator Technologies, Inc. provides an instruction manual with every regulator shipped. Refer to this for complete installation, operation and maintenance instructions. Included is a complete listing of individual parts and recommended spare parts.
Overpressure Protection

The 67D Series regulators have maximum outlet pressure ratings that are lower than their maximum inlet pressure ratings. A pressure-relieving or pressure-limiting device is needed if inlet pressure can exceed the maximum outlet pressure rating.

Types 67DR, 67DSR, 67DFR and 67DFSR regulators have a low capacity internal relief valve for minor seat leakage only. Other overpressure protection must be provided if the maximum inlet pressure can exceed the maximum pressure rating of the downstream equipment or exceeds maximum outlet pressure rating of the Type 67DR, 67DSR, 67DFR or 67DFSR regulator.

Overpressuring any portion of a regulator or associated equipment may cause leakage, parts damage or personal injury due to bursting of pressure-containing parts or explosion of accumulated gas. Regulator operation within ratings does not preclude the possibility of damage from external sources or from debris in the pipeline. A regulator should be inspected for damage periodically and after any overpressure condition.

Refer to the Capacity Information section and the Wide-Open Flow Coefficients for Relief Valve Sizing in the Specifications section on page 3 to determine the required relief valve capacity.

Capacity Information

Table 4 shows the air regulating capacities of the 67D Series regulators at selected inlet pressures and outlet pressure settings. Flows are shown in SCFH (at 60°F and 14.7 psia) and in Nm³/h (at 0°C and 1.01325 bar) of air.

Note

The 67D Series regulators may be sized for 100% flow using capacities as shown in Table 4. It is not necessary to reduce published capacities.

To determine the equivalent capacities for other gases, multiply the table capacity by the following appropriate conversion factor: 1.29 for 0.6 specific gravity natural gas, 0.810 for propane, 0.707 for butane or 1.018 for nitrogen. For gases of other specific gravities, divide the table capacities by the square root of the appropriate specific gravity. To find wide-open flow capacities for relief sizing at any inlet pressure, perform one of the following procedures. Then, if necessary, convert using the factors provided above.

For critical pressure drops (absolute outlet pressure equal to or less than one-half of absolute inlet pressure), use the following formula:

\[
Q = \left( \frac{P_1}{G} \right)\left( C_g \right)
\]

For pressure drops lower than critical (absolute outlet pressure greater than one-half of absolute inlet pressure), use the following formula:

\[
Q = \sqrt{\frac{520}{GT}} \sin \left( \frac{3417}{C_i} \sqrt{\frac{\Delta P}{P_1}} \right) \text{ DEG}
\]

where,

- \(Q\) = gas flow rate, SCFH
- \(P_1\) = absolute inlet pressure, psia (\(P_1\) gauge + 14.7)
- \(C_g\) = gas sizing coefficient
- \(G\) = specific gravity of the gas
- \(T\) = absolute temperature of gas at inlet, °Rankine
- \(C_i\) = flow coefficient (\(C_g + C_i\))
- \(\Delta P\) = pressure drop across the regulator, psi

Then, if capacity is desired in normal cubic meters per hour (at 0°C and 1.01325 bar), multiply SCFH by 0.0268.

NACE Universal Compliance

Optional materials are available for applications handling sour gases. These constructions comply with the recommendations of NACE International sour service standards.

The manufacturing processes and materials used by Regulator Technologies assure that all products specified for sour gas service comply with the chemical, physical and metallurgical requirements of NACE MR0175 and/or NACE MR0103. Customers have the responsibility to specify correct materials. Environmental limitations may apply and shall be determined by the user.
<table>
<thead>
<tr>
<th>OUTLET PRESSURE</th>
<th>INLET PRESSURE</th>
<th>CAPACITIES IN SCFH / Nm³/h OF AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTLET PRESSURE</td>
<td>INLET PRESSURE</td>
<td>5% Droop</td>
</tr>
<tr>
<td>SCFH Nm³/h</td>
<td>SCFH Nm³/h</td>
<td>SCFH Nm³/h</td>
</tr>
<tr>
<td>psig</td>
<td>bar</td>
<td>psig</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>25</td>
<td>1.7</td>
<td>800</td>
</tr>
<tr>
<td>200</td>
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<td>3.4</td>
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<tr>
<td>150</td>
<td>10.3</td>
<td>4000</td>
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1. Inlet pressures above 250 psig / 17.2 bar with a maximum of 400 psig / 27.6 bar are only available on unfiltered models (Types 67D, 67DR, 67DS and 67DSR).
### Table 4. 67D Series Flow Capacities (continued)

<table>
<thead>
<tr>
<th>OUTLET PRESSURE RANGE, SPRING PART NUMBER AND COLOR CODE</th>
<th>OUTLET PRESSURE</th>
<th>INLET PRESSURE</th>
<th>CAPACITIES IN SCFH / Nm³/h OF AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pslg</td>
<td>bar</td>
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</tr>
<tr>
<td>0 to 60 psig / 0 to 4.1 bar</td>
<td>35</td>
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<td>T14060T0012 (Red Stripe)</td>
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1. Inlet pressures above 250 psig / 17.2 bar with a maximum of 400 psig / 27.6 bar are only available on unfiltered models (Types 67D, 67DR, 67DS and 67DSR).
2. Available for Types 67DS, 67DSR, 67DFS and 67DFSR only.
**Figure 4.** Types 67D, 67DR, 67DS and 67DSR Dimensions

**Table 5.** Types 67D, 67DR, 67DS and 67DSR Dimensions

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DIMENSION</th>
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<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>G</td>
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<td>67D and 67DR</td>
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<td>60</td>
<td>3.66</td>
<td>93</td>
<td>4.54</td>
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<td>2.98</td>
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<tr>
<td>67DS and 67DSR</td>
<td>5.12</td>
<td>130</td>
<td>5.12</td>
<td>130</td>
<td>4.54</td>
<td>115</td>
<td>2.98</td>
<td>76</td>
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</table>
67D Series

Figure 5. Types 67DF, 67DFR, 67DFS and 67DFSR Dimensions

Table 6. Types 67DF, 67DFR, 67DFS and 67DFSR Dimensions

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DIMENSION</th>
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<td></td>
<td>ln.</td>
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<tr>
<td>67DF and 67DFR</td>
<td>5.93</td>
</tr>
<tr>
<td>67DFS and 67DFSR</td>
<td>6.27</td>
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</table>
Ordering Information
When ordering, complete the Ordering Guide on pages 11 and 12. Refer to the Specifications section on page 3. Review the description to the right of each specification and the information in each referenced table or figure. Specify your choice whenever a selection is offered.

Ordering Guide

Type (Select One)
- 67D (aluminum without internal relief)***
- 67DR (aluminum with internal relief)***
- 67DS (stainless steel without internal relief)***
- 67DSR (stainless steel with internal relief)***
- 67DF (aluminum with filter and without internal relief)***
- 67DFR (aluminum with filter and internal relief)***
- 67DFS (stainless steel with filter and without internal relief)***
- 67DFSR (stainless steel with filter and internal relief)***

Quantity (Specify) ____________________________________________

Spring Case Style (Select One)
- Drilled hole vent (Types 67D, 67DR, 67DF and 67DFR standard)***
- 1/4 NPT vent (Types 67DS, 67DSR, 67DFS and 67DFSR standard)***
- Single hole panel mount***

Adjusting Screw (Select One)
- Square head (Types 67D, 67DR, 67DF and 67DFR standard)***
- Square head with closing cap (Types 67DS, 67DSR, 67DFS and 67DFSR standard)***
- Handwheel***

Outlet Pressure Range (Select One)
- 0 to 20 psig / 0 to 1.4 bar***
- 0 to 35 psig / 0 to 2.4 bar***
- 0 to 60 psig / 0 to 4.1 bar***
- 0 to 125 psig / 0 to 8.6 bar***
- 0 to 150 psig / 0 to 10.3 bar (Types 67DS, 67DSR, 67DFS and 67DFSR only)***

Diaphragm, O-rings and Valve Seat Plug (Select One)
- Nitrile (NBR) (standard)***
- Fluorocarbon (FKM)***
- Silicone (VMQ) diaphragm, Low Temperature Nitrile (NBR) O-rings and Nitrile (NBR) valve seat*

Filter Material (Select One)
- Polyethylene (5 microns) (standard)***
- Glass (5 microns)***
- Polyvinylidene (PVDF) (40 microns)***
- Stainless steel (40 microns)***

Drain Valve (Select One)
- Brass (Types 67DF and 67DFR standard)***
- Stainless steel (Types 67DFS and 67DFSR standard)***
- Automatic Drain with Nitrile (NBR) elastomers***
- Automatic Drain with Fluorocarbon (FKM) elastomers**

Spring Case Vent Location (Select One)
- Position 1 - Aligned with inlet (standard)***
- Position 2
- Position 3
- Position 4

External Fixed Bleed for Type 67DR, 67DSR, 67DFR or 67DFSR (Optional)
- Yes**

Smart Bleed™ Internal Check Valve Airset (Optional - Types 67DFR and 67DFSR only)
- Yes**

Second Outlet (Select One)
- Open (Types 67D, 67DR, 67DF and 67DFR standard)***
- Plugged with pipe plug (Types 67DS, 67DSR, 67DFS and 67DFSR standard)***
- Pressure Gauge (see below)

Triple Scale Pressure Gauge (Optional)
- Brass Gauge or Stainless Steel Gauge
- 0 to 30 psig / 0 to 0.2 MPa / 0 to 2.1 bar***
- 0 to 60 psig / 0 to 0.4 MPa / 0 to 4.1 bar***
- 0 to 160 psig / 0 to 1.1 MPa / 0 to 11.0 bar***

- continued -
Ordering Guide (continued)

NACE International MR0175 Construction (Optional) *(1)*
☐ Yes (not available with gauge)**

NACE International MR0103 Construction (Optional)
☐ Yes (not available with gauge)**

Replacement Parts Kit (Optional)
☐ Yes, send one replacement parts kit to match
this order.

1. Product complies with the material requirements of NACE International MR0175.
Environmental limits may apply.

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Specification Worksheet

Application (Please designate units):
Specific Use ____________________________
Line Size ____________________________
Gas Type and Specific Gravity ____________________________
Gas Temperature ____________________________
Does the Application Require Overpressure Protection?
☐ Yes  ☐ No  If yes, which is preferred:
☐ Relief Valve  ☐ Monitor Regulator
☐ Shut-off Device
Is overpressure protection equipment selection assistance desired? ____________________________

Pressure (Please designate units):
Maximum Inlet Pressure ($P_{\text{max}}$) ____________________________
Minimum Inlet Pressure ($P_{\text{min}}$) ____________________________
Downstream Pressure Setting(s) ($P_2$) ____________________________
Maximum Flow ($Q_{\text{max}}$) ____________________________

Performance Required:
Accuracy Requirements? ____________________________
Need for Extremely Fast Response? ____________________________

Other Requirements: ____________________________

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Regulators Quick Order Guide

*** Readily Available for Shipment
** Allow Additional Time for Shipment
* Special Order, Constructed from Non-Stocked Parts. Consult Your local Sales Office for Availability.

Availability of the product being ordered is determined by the component with the longest shipping time for the requested construction.

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Emerson Process Management Regulator Technologies, Inc. does not assume responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use and maintenance of any Emerson Process Management Regulator Technologies, Inc. product remains solely with the purchaser.