

Miniature Valves:

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**RG SERIES REGULATOR, PANEL MOUNT
10-32, 1/16" to 1/8" BARB**



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Design Considerations

- The RG Regulators are a compact design with 10-32 Female porting
- 2-Way (Non-Exhausting) or 3-Way (Exhausting)
- Non-Exhausting Regulators can be used with air or fluids
- 3-Way (Exhausting) Regulators relieve air through a .063 orifice, equalizing line pressure to the regulator setting
- Supplied with two Electroless Nickel Plated Panel Nuts and lock washer

Example of how to order

| <u>Type</u> | <u>Flow Option</u> | <u>Inlet Port</u> | <u>Outlet Port</u> | <u>Outlet Port</u> | <u>Seal</u> |
|---------------------------|-----------------------|-------------------|--------------------|--------------------|-------------|
| Regulator, Panel Mount | 3-Way (Exhausting) | 10-32 Female | 10-32 Female | 10-32 Female | Buna |

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

RG3NO-B,10-32F = Panel Mount Regulator, 3-Way Exhausting, Normally Open, Buna Seals, 10-32 Female Inlet x 10-32 Female Outlet

Specifications

| | |
|--------------------------------------|---|
| Material | BODY and PANEL NUTS - Electroless Nickel Plated Brass, STEM - Brass |
| Spring | 302 Stainless |
| Type | Panel Mount |
| Flow Option | 2-Way (Non-Exhausting), 3-Way (Exhausting) |
| Seal Option | Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®) |
| Input Port ? | 10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb 1/8 Female NPT 1/4-20 Female 3/8 Copper Compression |
| Output Port ? | 10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb |
| Additional Output Port ? | 10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb 10-32 Plugged Port |
| Exhaust Port Only ? | .063 Orifice Exhaust To Atmosphere |
| Knob | Small Knurled Knob |
| Panel Mount Threads | 15/32-32 |
| Maximum Operating Pressure | 5 to 80 psi |
| Maximum Operating Temperature | 180 °F |
| Flow Rate | 3.0 SCFM at 50 psi |
| | It is the sole responsibility of the system designer and user to select products suitable for |

| | |
|--|--|
| Compatibility Statement | their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage. |
| Pricing and Minimum Order Requirement | Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing. |

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