

Clippard

Precision Pressure Regulators

DR-2MKNR-1



The DR-2 precision regulators are offered in either relieving or non-relieving versions. The relieving design maintains a constant pressure output even when downstream conditions change, while non-relieving regulators do not automatically compensate for changes in downstream flow or pressure. There is no vent to atmosphere, as in a relieving type regulator, and the output pressure can increase due to a downstream event. Non-relieving versions can also accommodate compatible liquid applications.

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| 2D Drawings | 2D Files |
| Accessories | Knob & Set Screw: AK2.5-B |
| Adjustment | Knob |
| Data Sheet | Data Sheet |
| Included Item(s) | Nut & Lockwashers |
| Input PSI | 300 psig max. (20,7 bar) |
| Material, Body | Electroless Nickel Plated Brass |
| Material, Seals | FKM with PFPE Lube |
| Material, Spring & Spring | Stainless Steel Adjustment |
| Max. Pressure | 0.5 to 10 psig (0,03-0,7 bar) |
| Medium | Air, Water* or Oil* (* non-relieving models) |
| Mount | #5/16-24 thread (M8x1.0 thread) |
| Non-Relieving Option | Non-Relieving |
| Notes | An extended 0.25" (6.4 mm) shaft accepts an adjustment knob or furnished with an exposed screwdriver slot with micro-adjustment (32 pitch thread). Knobs ordered separately. |
| Operating Temperature Range | 32 to 230°F (0 to 110°C) |
| Ports (Inlet - Outlet) | #10-32 Male - Manifold |
| Product Line Brochure | Mechanical Valves |
| Repeatability | ±0.25 psig (0.02 bar) typical |
| Set Point Sensitivity | ≤0.5 psig (0.03 bar) |
| Set Point Stability | ≤0.5 psig (0.03 bar) |
| Unit | Imperial |
| Weight (lbs.) | 0.3000 |

