

SERIES 6P PIP POSITIONER

FOR DOUBLE ACTING & SPRING RETURN ACTUATORS

INTRODUCTION

The Bray Series 6P positioner provides outstanding control for a wide range of quarter-turn valves. This design provides fast, sensitive response characteristics to meet the most demanding control objectives using a 3-15 psi pneumatic control signal. A high visibility dome position indicator and 3 gauges are provided as standard. The Series 6P is available with many options including position feedback limit switches, and a 4-20 mA position feedback transmitter.

APPLICATIONS

Bray Series 6P positioners are used to control quarter-turn control valves such as butterfly and ball valves (standard and segmented) and its sensitive two-stage relay makes it ideal for precise damper control applications. Specify Bray Series 6P whenever valve positioning and sensitivity is critical.

For modulating control of valve positions, the Series 6P automatically positions the valve to precise angles between 0° and 90° in response to a pneumatic input signal. The standard positioner is Double Acting but can be easily converted to Single

Acting/Spring Return. The 6P also has Split Range capabilities and an easy to adjust Span and Zero.

MOUNTING & MATERIALS

The Series 6P can be installed directly on any quarter-turn valve actuator conforming to the NAMUR standard.

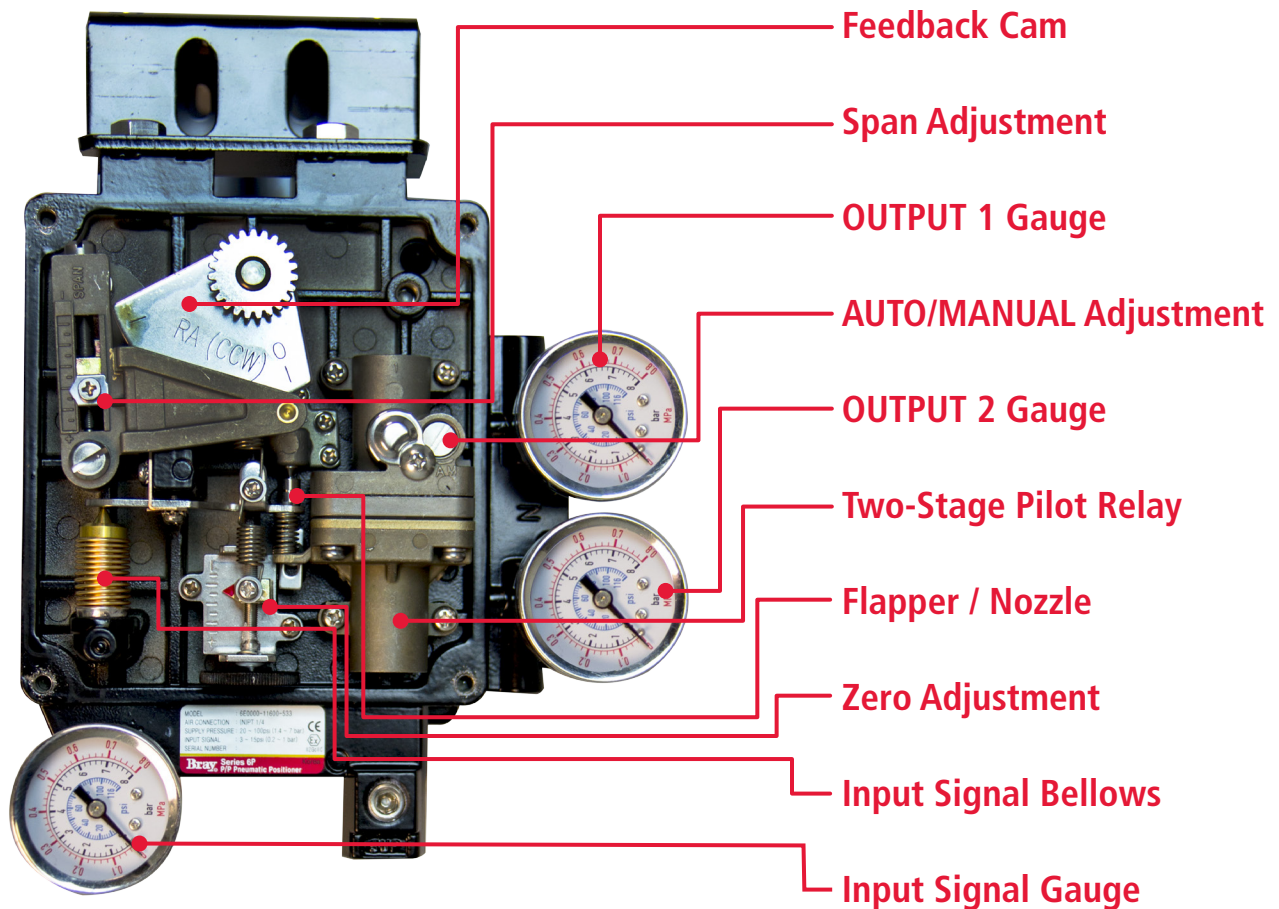
Contact your local Bray Distributor for information about mounting the 6P on non-NAMUR actuators.

The Series 6P housing is constructed from durable die-cast aluminum that is first anodized for internal corrosion resistance, then powder coated for external resistance to harsh environments.

OPTIONS / ACCESSORIES

SPECIAL CAMS: Special cams for non-standard ranges may be modified by the factory or customer.

AIR FILTER: A coalescing air filter is recommended for all positioners to eliminate dust, moisture, and oil particles from contaminating the unit.



STANDARD FEATURES

- 1. Two-Stage Pilot Relay** Provides fast, sensitive response characteristics for precise control of critical control valves and dampers.
- 2. Corrosion Resistant Materials** All exposed parts are either stainless steel or powder coated anodized aluminum to permit use in corrosive environments.
- 3. High Visibility Dome Position Indicator** Provides high-contrast, full-angle viewing of valve position.
- 4. Field Upgradable** The Series 6P is field-upgradable to a number of options including limit switches or a 4-20 mA position transmitter.
- 5. Vibration Resistant** High natural frequency and pneumatic dampening make the Series 6P resistant to vibration.
- 6. Gauge Manifold** 3 gauges are provided for Signal, OUT 1, and OUT 2 ports.
- 7. Double or Single Acting**
- 8. Adjustable NAMUR Mounting Bracket**

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