

BRAY RECOMMENDED SPECIFICATIONS

Series 6A Electro-Pneumatic Positioner

Positioner Type:

Bray Series 6A Electro-pneumatic Positioner or approved equal.

Housing:

- Weatherproof (NEMA 4, 4X) enclosure shall be constructed of durable, lightweight polymer.
- Waterproof/Explosion Proof (NEMA 4, 4X, 7 & 9) enclosure shall be constructed of die cast aluminum with an epoxy coating.

Position Indication:

- A LCD display shall be included to provide visual confirmation of valve position, operating status and keypad entries.
- In addition to the LCD display, a valve position indicator shall be provided externally to clearly indicate valve position from a distance.

Calibration and Diagnostics:

- Auto calibration shall be easily performed by entering parameters into the keypad via the push buttons.
- Positioner shall feature corrective and preventative maintenance self-diagnostic checks.
- Diagnostic results shall be available via both PC connection and local LCD.
- All diagnostics shall run constantly.
- The positioner shall have Adaptive Control to increase efficiency and reduce maintenance.

Air Supply Monitoring:

- The air supply shall be controlled by Piezo valve technology which offers reduced air consumption during operation and zero bleed during steady state.
- An internal monitor shall be provided to transmit a fault signal alarm if the air supply fails.

**Inputs:**

- The positioner shall be capable of accepting an analog 4-20 mA and serial BUS networks as required.

Locking Device:

- The positioner shall be provided with a locking device for high vibration applications.

Mounting:

- The positioner shall meet NAMUR Standards (VDI/VDE 3845) for accessory mounting.

Approvals & Certifications:

- FM Approval
- CSA Certification
- ATEX Certification
- Bureau Veritas Certification
- TUV