• Intelligent actuator designed for precise control of quarter turn valves and dampers.
• Proportionally positions valves to within 0.5 degrees accuracy using a closed loop stepper motor driven technology.
• Robust design that is well suited for 100% modulation and 100% duty cycle.
• Output shaft speed is programmable
• Electronic power backup option will power the actuator to the preprogrammed safe position upon power loss.
Standard Functional Features:

- No mechanical switches or contacts to wear out
- Non-contact position sensing increases reliability
- -30 to 60°C Operating Temperature
- Position feedback uses 4-20mA signal
- 100% Continuous Duty Cycle
- 100% Modulation
- .3 Degree Modbus accuracy
- .5 Degree 4-20 mA accuracy
- Enclosure cover with captive screws
- Heavy duty aluminum NEMA4 enclosure
- Robust drivetrain permanently lubricated
- Can exceed 6000 starts per hour

Standard Operational Features:

- 3 models available: 400, 1200, or 2500 inch/pounds torque.
- Easy electronic setup of end points.
- Bright LED display can show Actual/Max temperature, Number of cycles, and Percent Open.
- 3 Relay outputs: Open Position, Closed Position, and Error Condition.
- Maximum temperature is permanently stored in memory.
- Safe position for Loss of Signal or Power is programmable.
- Speed is programmable.
- Clockwise or counter-clockwise programmable direction
- Position feedback uses 4-20mA signal.
- UL/CUL & CE Approved.
- Buttons/Rotary encoder for easy input.
- Clamping terminal blocks for secure connection.
48VDC Models

- 400XTNA
- 1200XTNA
- 2500XTNA

- Heavy duty electric actuator.

100-240VAC Models

- 400XTNA-PS210
- 1200XTNA-PS210
- 2500XTNA-PS210

- Heavy duty electric actuator with AC power input.

- 400XTNA-EPS220
- 1200XTNA-EPS220
- 2500XTNA-EPS220

- Heavy duty electric actuator.
- Integrated electronic backup allowing the actuator to move to its preprogrammed safe position in the event of power loss.
### XT Series Precision Electric Actuators

<table>
<thead>
<tr>
<th>Model</th>
<th>Torque In-Lbs</th>
<th>Standard Speed To Rotate 90°</th>
<th>Programmable Speed Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>400XT</td>
<td>400</td>
<td>3 Seconds</td>
<td>3 to 10 Seconds</td>
</tr>
<tr>
<td>1200XT</td>
<td>1200</td>
<td>7 Seconds</td>
<td>7 to 30 seconds</td>
</tr>
<tr>
<td>2500XT</td>
<td>2500</td>
<td>12 Seconds</td>
<td>12 to 54 seconds</td>
</tr>
</tbody>
</table>

**Dimensions**

- **Rear**
  - Double D Shaft
  - 5/16-18 TAPPED 4/5 DEEP 4 PLCS

- **Side**
  - 1/2-14 NPT 2 PLACES

- **LID FRONT**
  - MACHINED WINDOW OPENING

**Contact Information**

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