

D400 Digital Positioner



- Microprocessor based valve positioner
- Menu driven programming with LCD display - multilingual
- Local push button configuration
- Low air consumption
- Explosion-proof & intrinsically safe modes available
- Modular design - available with position feedback, micro switches and fail freeze options, rotary or linear mounting
- NEMA 4X IP 65 enclosure, aluminum housing, electrostatically dipped varnish with stove-hardened epoxy resin
- Adaptive control feature offers the ability to update automation package without resetting the process
- Linear mounting possible
- ATEX - FM • CSA • IEC • Ex approvals available
- Available with Foundation Fieldbus, Profi-Bus and Hart Protocols

| D400 Digital Positioner | |
|--------------------------------|---|
| Rotation: | 25 - 120 Degrees |
| Max Air Supply: | 90 PSI |
| Air Delivery: | 6.0 SCFM @ 90 PSI |
| Air Consumption: | ≤ 0.015 SCFM |
| Stroke: | 0.4 to 4" |
| Connections: | 1/4" NPT air, 1/2" NPT Cable |
| Ambient Temperature: | -40° F to 185° F |
| Charateristic Curves: | Linear, equal %, 1:25, 1:50, 25:1, 50:1, or user configurable |
| Characteristic deviation: | ≤ 0.5% |
| Deadband: | 0.1%, adjustable to 10% |
| Resolution (A/D Conversion): | 16,000 steps |
| Sample Rate: | 20 msec |
| Seismic Vibration: | Meets requirements to DIN IEC 68-3-3 Class III for strong and strongest earthquakes |
| Mechanical Vibration: | ≤ 1% up to 10g and 10...80 Hz |
| Mounting orientation: | ≤ 0.5% at 90° Change |
| EMI: | Complies with EMC directive 89/336/EEC as of May 1989 (Increased EMI Shielding to EN 50082-2 PR as of 11/93) |

D400 Digital Positioner Dimensions

