



- 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

