



Technical Specifications

D400 Digital Positioner

Input range:	4-20mA with or without Hart Optional Profibus or Foundation Fieldbus
Supply pressure:	Up to 90 PSIG (6 bar)
Characteristic deviation	≤.5%
Deadband	0.1% adjustable to 10%
Rotation Angle Rev. 3	25-120°
Rotation Angle Rev. 5	25-270°
Resolution (A/D conversion)	16,000
Sample rate	20 msec
Temperature effect	<.4% for every 50° F change
Air Delivery @ 90 PSI (6 Bar)	6.0 SCFM
Air Consumption: 90 PSI (6 Bar)	≤.015SCFM
Temp Range:	-40 to 185° Fahrenheit
Air Connections:	¼" NPT or G Threads
Cable entry:	½" NPT or M20
Ingress & corrosion protection:	Nema 4X
Coating:	Varnish with epoxy resin Aluminum base housing
Weight	3.8 lbs
Seismic vibration	Meets requirements to DIN IEC 68-3-3 Class III for strong and strongest earthquakes
Mechanical vibration	≤1% up to 10 g and 10...80Hz
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)

Available in EX version with FM, CSA, Atex approvals

Air supply- Must be free of oil, water and dust to DIN/ISO 8573-1 pollution and oil contents according to Class 3 dew point 10 K below operating temperatures.