



## D400 Technical Specifications

Input range	4-20mA with or without Hart Optional Profibus or Foundation Fieldbus
Supply pressure	Up to 90 psi (6 bar)
Characteristic deviation	≤ 0.5%
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	< 0.4% for every 50°F change
Air delivery @ 90 psi (6 bar)	6.0 SCFM
Air consumption @ 90 psi (6 bar)	≤ 0.015 SCFM
Temp Range	-40 to 185°F
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 10g and 10...80Hz
Mounting orientation	≤ 0.5% at 90° change
EMI	Complies with the EMC directive 89/336/EEC as of many 1989 (increased EMI shielding to EN 50082-2 PR as of 11/93)

Explosion proof options available with FM, CSA, Atex, IECEx, EAC, NEPSI, INMETRO approvals upon inquiry

**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.**