

HB Control Valves

D400 Digital Positioners

PNEUMATIC ACTUATORS

for 2-Way or 3-Way Pneumatically-Actuated Valves



HB-Series Control Valve
shown with
D400 Positoner
with Gauge Blocks (included)
optional Stainless Steel
50in² Actuator

The **D400** is a digital positioner with Intrinsically-Safe or Explosion-Proof options. These positioners are designed to be highly accurate and efficient in a wide range of application environments. HART communication and 4-20mA feedback are available as options.

SPECIFICATIONS	
Model	D400
Signal	4-20mA
Feedback	Optional 4-20mA
Supply Pressure	22 - 90 PSIG
Air Consumption	.015 SCFM
Ambient Temperature Range	-40 ° - 185 ° F
Rotation Range	250 ° - 120 ° F
Linear Stroke Range	0.4 - 4.0 in.
Characteristics Curves	Linear ,Eq %, 1:25, 1:50 50:1, Custom
Deadband	0.1% - 10% Adjustable
Communication	Optional HART
Enclosure Rating	NEMA 4X / IP65
Air Connections	1/4" NPT
Electrical Connections	1/2" NPT
D400-IS (Intrinsically Safe)	
ATEX: II 2G EEx ib IIC T6 II 2G EEx ia IIC T6 II 3G EEx n A II T6 II 2D IP 6X T 46 ° C IECEX: EXIB IIC T6	
D400-EX (Explosion-Proof)	
ATEX: II 2G EEx ib IIC T6 IECEX: EXIB IIC T6	

CONTROL
VALVES

HB Series "SMART" Positioner Options				
Model Code	Features	Weight lbs.	Options	
			Suffix Code	Description
D400	Standard Digital (Single-Action) - No Communication	5	-H	Hart Communication
D400-IS	Digital (Intrinsically Safe) - No Communication	5	V240007	Single Gauge Block
D400-EX	Digital Explosion-Proof - No Communication	5	-FB	4-20mV Feedback
			-HFB	Hart Communication & Feedback

Other Options Available; Contact Factory