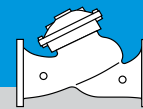


- Use this guide for creating and interpreting valve configuration codes
- For additional information refer to [700 Series Engineering Data](#)



EB

4AC

NN

V

Voltage		Main Valve Position (Solenoid Not Energized)	Code
24V	AC	24VAC/50Hz Normally Closed	4AC
		24VAC/50Hz Normally Open	4AO
		24VAC/50Hz Last Position	4AP
		24VAC/60Hz Normally Closed	46C
		24VAC/60Hz Normally Open	46O
		24VAC/60Hz Last Position	46P
24V	DC	24VDC Normally Closed	4DC
		24VDC Normally Open	4DO
		24VDC Last Position	4DP
		24VDC Latch Solenoid	4DS
220V	AC	220VAC/50-60Hz Last Position	2AP
		220VAC/50-60Hz Normally Closed	2AC
		220VAC/50-60Hz Normally Open	2AO
	DC	220VDC Normally Closed	2DC
		220VDC Normally Open	2DO
		220VDC Latch Solenoid	2DS
110V	AC	110VAC/50-60Hz Normally Closed	5AC
		110VAC/50-60Hz Normally Open	5AO
	DC	110VDC Normally Closed	5DC
		110VDC Normally Open	5DO
		110VDC Latch Solenoid	5DS
12V	DC	12VDC Normally Closed	1DC
		12VDC Normally Open	1DO
		12VDC Last Position	1DP
		12VDC Latch Solenoid	1DS

Tubing & Fittings	Code
St. St. 316 Tubing & Fittings	NN
Copper Tubing & Brass Fittings	CB
Plastic Reinforced Tubing & Brass Fittings	PB
Other Tubing & Fittings available on request	

Additional Attributes (Multiple Options Permitted)	Code
Double Chamberd - Active	B
In-Line Filter	C
S.S 316 Actuator Internal Assembly	D
EPDM Elastomers (Seals & Diaphragm)	E1
VITON Elastomers (Seals & Diaphragm)	E2
Large Control Filter	F
Extra Large Control Filter	F1
High Grade Bearing & Stem	K
Balancing Piston Assembly	G
Valve Position Indicator	I
Junction Box	J
Lifting Spring	L
Flow Stem	M
S.S.316 All Control Accessories	N
Flow Over The Seat	O
Pressure Switch	P
Valve Position Transmitter*	Q
Delrin Bearing	R
Electric Limit-Switch*	S
Electric Limit Switch For for Side Indicator*	S2
Double Limit Switch Assy*	SS
S.S 316 Internal Trim Closure & Seat	T
Differential Flow Sensor (Orifice)	U
V-Port Throttling Plug	V
3W Control	X
3 Position Manual Control Selector	Z
Pressure Separator	d
External Control Pressure	e
Pitot Tube	j
St. St. 316 small control accessories (check, needle, "Y" filter) or attributes (V, U, F, F, G etc.)	n
Closing Spring	q
PVDF Bearing	r
Pressure Gauges	6

* Include Valve Position Indicator (code I)

Coating

Code

Epoxy FB Dark Blue	EB
Epoxy FB Dark Blue and UV protection	EV
Uncoated	UC

Other coatings available on request.

720-PD Reduction Ratio Table

Size	700 SIGMA - EN		700 SIGMA - ES		700 - 00	
	Min.	Max.	Min.	Max.	Min.	Max.
DN40; 1½"	2.8	3.2	-	-	3.7	4.0
DN50; 2"	2.8	3.2	-	-	3.7	4.0
DN65; 2½"	2.8	3.2	2.8	3.2	3.7 (2.8*)	4.0 (3.2*)
DN80; 3"	2.7	3.0	2.8	3.2	2.7	3.0
DN100; 4"	2.4	2.6	2.7	3.0	2.4	2.6
DN150; 6"	-	-	2.4	2.6	-	-
DN200; 8"	2.4	2.7	2.5	2.8	2.4	2.7
DN250; 10"	2.3	2.6	2.4	2.7	2.3	2.6
DN300; 12"	2.2	2.5	2.3	2.6	2.2	2.5
DN400; 16"	2.1	2.4	2.2	2.5	2.1	2.4
DN450; 18"	-	-	2.1	2.4	2.1	2.4
DN500; 20"	2.1	2.3	2.1	2.4	2.1	2.3
DN600; 24"	-	-	2.1	2.3	2.1	2.3

* Reduction ratio for 2½" grooved body valve only
The reduction ratio is proportional to the valve opening rate, which varies due to changes in flow rate and pressure.
Code PD2 refers to reduced ratio valves with a reduction ratio of 2.4:1, available in sizes up to 4 inches.

- Use this guide for creating and interpreting valve configuration codes
- For additional information refer to [700 Series Engineering Data](#)

