



































Pneumatic Symbols



DIRECTLY OPERATED SOLENOID VALVES MONOSTABLE	
	3/2 N.C. mechanical spring return
	3/2 N.C. mechanical spring return with manual override
	3/2 N.O. mechanical spring return
	3/2 N.O. mechanical spring return with manual override
	2/2 N.C. mechanical spring return
	2/2 N.C. mechanical spring return with manual override
	2/2 N.O. mechanical spring return
	2/2 N.O. mechanical spring return with manual override
	3/2 N.C. mechanical spring return quick exhaust
	3/2 N.C. mechanical spring return quick exhaust with manual override








ELECTRO-PNEUMATICALLY OPERATED VALVES MONOSTABLE	
	3/2 N.C. mechanical spring return with manual override
	2/2 N.C. mechanical spring return with manual override
	3/2 N.O. mechanical spring return with manual override
	2/2 N.O. mechanical spring return with manual override
	3/2 N.C. pneumatic spring return with manual override
	2/2 N.C. pneumatic spring return with manual override
	3/2 N.O. pneumatic spring return with manual override









	2/2 N.O. pneumatic spring return with manual override
	5/2 mechanical spring return with manual override
	5/2 pneumatic spring return with manual override
	5/3 centers closed, electropneumatic return with manual override
	5/3 centers open, electropneumatic return with manual override
	5/3 pressure center, electropneumatic return with manual override

ELECTRO-PNEUMATICALLY OPERATED VALVES BISTABLE	
	3/2 with manual override
	2/2 with manual override
	electropneumatic return, 5/2 bistable, with manual override

PNEUMATICALLY OPERATED VALVES - MONOSTABLE	
	3/2 N.C. mechanical spring return
	3/2 N.A. mechanical spring return
	2/2 N.C. mechanical spring return
	2/2 N.A. mechanical spring return
	3/2 N.C. pneumatic return
	5/2 monostable mechanical spring return
	5/2 pneumatic return
	5/3 centers closed pneumatic return

	5/3 centers open pneumatic return
	5/3 pressure centers pneumatic return

PNEUMATICALLY OPERATED VALVES - BISTABLE	
	3/2
	2/2
	3/2 differential pneum. return
	2/2 differential pneum. return
	2/2 differential pneum. return
	5/2
	5/2 differential pneum. return

MANUALLY OPERATED VALVES MONOSTABLE	
	3/2 N.C. button operated mechanical spring return
	3/2 N.O. button operated mechanical spring return
	2/2 N.C. button operated mechanical spring return
	2/2 N.O. button operated mechanical spring return
	5/2 button operated mechanical spring return
	3/2 N.C. lever operated mechanical spring return
	3/2 N.O. lever operated mechanical spring return
	2/2 N.C. lever operated mechanical spring return



	2/2 N.O. lever operated mechanical spring return
	5/2 lever operated mechanical spring return
	5/3 centers closed, lever operated mechanical spring return
	5/3 centers open, lever operated mechanical spring return
	5/3 pressure center, lever operated mechanical spring return
	3/2 N.C. pedal operated mechanical spring return
	5/2 pedal operated mechanical spring return

MANUALLY OPERATED VALVES BISTABLE	
	3/2 push-pull button operated
	2/2 push-pull button operated
	5/2 push-pull button operated
	3/2 lever operated
	2/2 lever operated
	5/2 lever operated
	5/3 centers closed lever operated
	5/3 centers open lever operated
	5/3 pressure centers lever operated
	5/2 pedal operated
	5/2
	3/2

MECHANICALLY OPERATED VALVES - MONOSTABLE	
	3/2 N.C. plunger operated mechanical spring return
	3/2 N.O. plunger operated mechanical spring return
	5/2 plunger operated mechanical spring return
	3/2 N.C. roller operated mechanical spring return
	3/2 N.O. roller operated mechanical spring return
	5/2 roller operated mechanical spring return
	3/2 N.C. roller operated unidirectional mechanical spring return
	3/2 N.O. roller operated unidirectional mechanical spring return
	5/2 roller operated unidirectional mechanical spring return

MANUAL/MECHANICALLY OPERATED SENSITIVE	
	3/2 N.O. lever operated mechanical spring return
	3/2 N.C. lever operated mechanical spring return
	5/2 lever operated mechanical spring return
	5/2 lever operated mechanical spring return
	5/2 lever operated mechanical spring return

MANUAL/MECHANICALLY OPERATED SENSITIVE VALV. BISTABLE	
	5/2 plunger operated, plunger return
	5/2 roller operated plunger return

LOGIC VALVES	
	"AND" pneumatic symbol
	"AND" logical symbol
	"OR" pneumatic symbol
	"OR" logical symbol
	"NOT" pneumatic symbol
	"NOT" logical symbol
	"YES" pneumatic symbol
	"YES" logical symbol
	"memory" pneumatic symbol
	"memory" logical symbol

AUTOMATIC VALVES, FLOW REGULATORS AND SILENCERS	
	non return valves
	Quick exhaust valves
	directional flow control valve
	unidirectional blocking valves VBU
	bidirectional blocking valves VBO
	unidirectional flow control valve
	silencer

AIR PREPARATION	
	filter with standard drain
	pressure regulator relieving
	pressure regulator relieving and pressure gauge
	lubricator
	lockable isolation valve manually operated
	lockable isolation valve electropneumatically operated
	lockable isolation valve pneumatically operated
	soft start valve pneumatically operated
	soft start valve electropneumatically operated

CYLINDERS - SINGLE ACTING	
	single-acting cylinder front spring
	single-acting cylinder front spring magnetic
	single-acting cylinder rear spring
	single-acting cylinder rear spring magnetic
	single-acting cylinder through-rod
	single-acting cylinder through-rod

CYLINDERS DOUBLE-ACTING	
	double-acting cylinder non adjustable cushioning
	double-acting cylinder non adjustable cushioning magnetic
	double-acting cylinder adjustable cushioning
	double-acting cylinder adjustable cushioning magnetic
	double-acting cylinder through-rod non adjustable cushioning
	double-acting cylinder magnetic, through rod non adjustable cushioning
	double-acting cylinder through-rod adjustable cushioning
	double-acting cylinder through-rod magnetic, adjustable cushioning
	rodless cylinder double-acting magnetic, adjustable cushioning

ROTARY CYLINDERS	
	rotary cylinders double-acting

PRESSURE SWITCHES, INDICATOR AND AMPLIFIER	
	N.C. pressure switch
	N.O. pressure switch
	pressure switch changeover contact
	pressure indicator
	3/2 N.C. pneumatic amplifier

COUPLINGS	

VALVES	
	monostable manual override
	bistable manual override