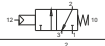
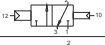
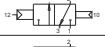
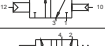
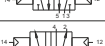
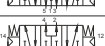




VALVES

(series 211, 212, section 1)

PNEUMAX

		Symbol	Description	Code	Max. pressure	Flow at 6 bar, Δp=1	Orifice size		
G 1/2" Compact series	3/2		Pneumatic - Spring	212/2.32.11.1	2,5-10 bar	3600NI/min	mm 15		
			Pneumatic - Differential	212/2.32.11.12					
			Pneumatic - Differential	212/2.32.11.12/1.C					
			Pneumatic - Differential	212/2.32.11.12/1.A					
	5/2		Pneumatic - Pneumatic	212/2.32.11.11	2,5-10 bar	3600NI/min			
			Pneumatic - Spring	212/2.52.11.1					
			Pneumatic - Differential	212/2.52.11.12					
			Pneumatic - Differential	212/2.52.11.12/1					
	5/3		Pneumatic - Pneumatic	212/2.53.31.11.11	3-10 bar	3300NI/min			
			Pneumatic - Pneumatic	212/2.53.32.11.11					
			Pneumatic - Pneumatic	212/2.53.33.11.11					
	G 1"	3/2		Pneumatic - Spring	211.32.11.1	2,5-10 bar		6500NI/min	mm 20
			Pneumatic - Differential	211.32.11.12					
			Pneumatic - Pneumatic	211.32.11.11	2-10 bar				
5/2			Pneumatic - Spring	211.52.11.1	2,5-10 bar				
			Pneumatic - Differential	211.52.11.12					
			Pneumatic - Pneumatic	211.52.11.11	2-10 bar				
5/3			Pneumatic - Pneumatic C.C.	211.53.31.11.11	3-10 bar				
			Pneumatic - Pneumatic O.C.	211.53.32.11.11					
			Pneumatic - Pneumatic P.C.	211.53.33.11.11					



ACCESSORIES

(series 600, section 1)

PNEUMAX

		Symbol	Description	Code	Max. pressure	Flow at 6 bar, $\Delta p=1$	Orifice size
Miniature flow control valve    	M5 tube Ø3		Bidirectional	6.01.305.1.1	10 bar	/	mm 1,5
			Bidirectional button	6.01.305.1.1P			
			Unidirectional 1-2	6.01.305.1.2			
			Unidirectional 2-1	6.01.305.2.1			
			Unidirectional button 1-2	6.01.305.1.2P			
			Unidirectional button 2-1	6.01.305.2.1P			
	M5 tube Ø3,17		Bidirectional	6.01.315.1.1			
			Bidirectional button	6.01.315.1.1P			
			Unidirectional 1-2	6.01.315.1.2			
			Unidirectional 2-1	6.01.315.2.1			
			Unidirectional button 1-2	6.01.315.1.2P			
			Unidirectional button 2-1	6.01.315.2.1P			
	M5 tube Ø4		Bidirectional	6.01.45.1.1			
			Bidirectional button	6.01.45.1.1P			
			Unidirectional 1-2	6.01.45.1.2			
			Unidirectional 2-1	6.01.45.2.1			
			Unidirectional button 1-2	6.01.45.1.2P			
			Unidirectional button 2-1	6.01.45.2.1P			

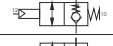
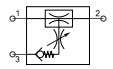


		Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar, Δp=1	Orifice size
Flow control valve   	M5		Unidirectional connection in line	6.01.05	/	10 bar	/	mm 2
			Bidirectional connection in line	6.01.05/2				
			Unidirectional connection at 90°	6.01.05.90				
			Bidirectional connection at 90°	6.01.05.90/2				
			Unidirectional through screw	6.01.05.180				
			Bidirectional trough screw	6.01.05.180/2				
	G 1/8"		Unidirectional ultra sensitive	6.01.18/4	/	10 bar	/	mm 3
			Bidirectional ultra sensitive	6.01.18/5				
			Unidirec. ultra sens. with lock nut	6.01.18/6				
			Bidirec. ultra sens. with lock nut	6.01.18/7				
	G 1/4"		Unidirectional	6.01.18N	/	10 bar	/	mm 4
			Unidirectional economic version	6.01.18NE				
			Bidirectional	6.01.18/1N				
			Bidirectional economic version	6.01.18/1NE				
	G 1/2"		Compact type - unidirectional	6.01.14/1	/	10 bar	/	mm 5,5
			Unidirectional	6.01.14N	/	10 bar	/	mm 7
		Bidirectional	6.01.14/1N	/	10 bar	/	mm 12	
G 3/4"		Unidirectional	6.01.34					
Quick exhaust valves 		M5	6.02.05	/	10 bar	120 NI/min	/	
		G 1/8"	6.02.18			480 NI/min		
		G 1/4"	6.02.14			960 NI/min		
		G 1/2"	6.02.12			3300 NI/min		
In line quick exhaust valves 		M5, M5 inlet connection	6.02.M5.M5L	/	10 bar	90 NI/min	/	
		M7, M5 inlet connection	6.02.M5.M7L					
		G1/8", M5 inlet connection	6.02.M5.18L					
		M5, ø3 tube inlet connection	6.02.03.M5L					
		M7, ø3 tube inlet connection	6.02.03.M7L					
		G1/8", ø3 tube inlet connection	6.02.03.18L					
		M5, ø4 tube inlet connection	6.02.04.M5L			110 NI/min		
		M7, ø4 tube inlet connection	6.02.04.M7L					
		G1/8", ø4 tube inlet connection	6.02.04.18L			90 NI/min		
		M5, ø6 tube inlet connection	6.02.06.M5L					
		M7, ø6 tube inlet connection	6.02.06.M7L					
		G1/8", ø6 tube inlet connection	6.02.06.18L			110 NI/min		
		Ø4, ø4 inlet connection	6.02.04.04.L					
		Ø6, ø6 inlet connection	6.02.06.06.L					
		Ø4, G1/8" inlet connection	6.02.18.04.L					
		Ø6, G1/8" inlet connection	6.02.18.06.L					
		G1/8", G1/8" inlet connection	6.02.18.18.L					



	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar, Δp=1	Orifice size
Exhaust flow control 		M5	6.03.05	/	/	/	/
		G 1/8"	6.03.18				
		G 1/4"	6.03.14				
		G 1/2"	6.03.12				
Shuttle valve  		"OR" M5	6.04.05	/	10 bar	110 NI/min	/
		"OR" G 1/8"	6.04.18			700 NI/min	
		"OR" G 1/4"	6.04.14			2200 NI/min	
		"AND" M5	6.04.05/1	/	10 bar	100 NI/min	mm 2,5
		"AND" G 1/8"	6.04.18/1			480 NI/min	
		"OR" Ø4	6.04.04	/	10 bar	105 NI/min	
		"OR" Ø4	6.04.04/1			105 NI/min	
	Silencers steel wool 		G 1/8"	6.05.18	/	/	/
G 1/4			6.05.14				
G 3/8"			6.05.38				
G 1/2"			6.05.12				
Silencers brass 		M5	6.06.05	/	/	/	/
		G 1/8"	6.06.18				
		G 1/4"	6.06.14				
		G 3/8"	6.06.38				
		G 1/2"	6.06.12				
		G 3/4"	6.06.34				
		G 1"	6.06.01				
Poppet check valves 		Poppet NBR M5	6.07.05	/	10 bar	160 NI/min	/
		Poppet NBR G 1/8"	6.07.18			650 NI/min	
		Poppet NBR G 1/8" reduced	6.07.18R			100 NI/min	
		Poppet NBR G 1/4"	6.07.14			1150 NI/min	
		Poppet NBR G 3/8"	6.07.38			2600 NI/min	
		Poppet NBR G 1/2"	6.07.12			3500 NI/min	
		Poppet FPM G 1/8"	6.07.18V			650 NI/min	
		Poppet FPM G 1/8" reduced	6.07.18VR			100 NI/min	
		Poppet FPM G 1/4"	6.07.014V			1150 NI/min	
		Poppet FPM G 3/8"	6.07.38V			2600 NI/min	
		Poppet FPM G 1/2"	6.07.12V			3500 NI/min	



	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar, $\Delta p=1$	Orifice size
Manifold 		4 connections M5	6.08.05/4	/	20 bar	/	/
		4 connections G 1/8"	6.08.18/4				
		4 connections G 1/4"	6.08.14/4				
		4 connections G 3/8"	6.08.38/4				
		4 connections G 1/2"	6.08.12/4				
		10 connections M5	6.08.05/8				
		10 connections G 1/8"	6.08.18/8				
		10 connections G 1/4"	6.08.14/8				
		10 connections G 3/8"	6.08.38/8				
		10 connections G 1/2"	6.08.12/8				
Block valves 	G 1/4"	 Unidirectional	6.09.14.UN.	/	4 - 10 bar	700 NI/min	mm 7
		 Bidirectional	6.09.14.BN				
	G 1/2"	 Unidirectional	6.09.12.UN	/	4 - 10 bar	2000 NI/min	mm 12
		 Bidirectional	6.09.12.BN				
Economizer 		G 1/8" (adj. range 0 to 5.5 bar)	6.11.18	/	10 bar	860 NI/min	mm 6
		G 1/4" (adj. range 0 to 5.5 bar)	6.11.14				
Manifold G 1/8" 		Max. valve thickness 18 mm	6.10.18.18/*	/	/	/	/
		Max. valve thickness 25 mm	6.10.18.25/*				
		Max. valve thickness 26 mm	6.10.18.26/*				
		Max. valve thickness 30 mm	6.10.18.30/*				
		Max. valve thickness 32 mm	6.10.18.32/*				
		Max. valve thickness 35 mm	6.10.18.35/*				
Manifold G 1/4" 		Max. valve thickness 20 mm	6.10.14.20/*	/	/	/	/
		Max. valve thickness 25 mm	6.10.14.25/*				
		Max. valve thickness 30 mm	6.10.14.30/*				
		Max. valve thickness 35 mm	6.10.14.35/*				
		Max. valve thickness 45 mm	6.10.14.45/*				
Spray valve 		M5 - G1"	6.13.00	/	3 - 10 bar	/	/

* = seats number (from 2 up to 10)



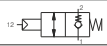
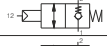
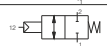
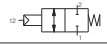
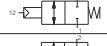
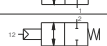
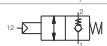
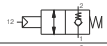
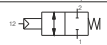
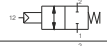
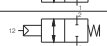
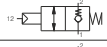
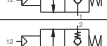
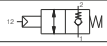
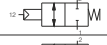
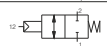
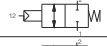
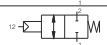
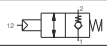
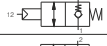
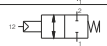
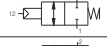
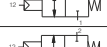
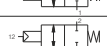
COMPLEMENTARY VALVES

(series 900, section 1)

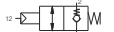
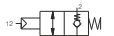
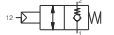
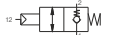
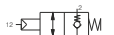
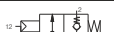
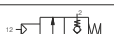
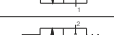
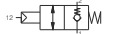
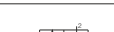
PNEUMAX

	Description	Code	Operating force	Pressure min. - max.	Flow at 6 bar, Δp=1	Orifice size
Pressure switch 	Threaded connections	900.18.1-1	/	0,5-1 bar	/	/
	Threaded connections	900.18.1-4	/	3,5-4 bar	/	/
	Faston connections	900.18.1/1-1	/	0,5-1 bar	/	/
	Faston connections	900.18.1/1-4	/	3,5-4 bar	/	/
	Switch protection	900.18.0	/	/	/	/
Impulse generators 	G 1/8"	900.18.2N	/	10 bar	/	mm 2
Pneumatic timers 	N.C. 30 seconds	900.18.3	/	3-10 bar	130 NI/min	mm 2,5
	N.C. 60 seconds	900.18.3-60		4-10 bar		
	N.O. 30 seconds	900.18.4				
	N.O. 60 seconds	900.18.4-60				
Two hands safety valves 	Type III A (accor. to EN 574 standard)	900.18.9	/	3-8 bar	40 NI/min	mm 2,5
	Type III B (accor. to EN 574 standard)	900.18.10				
	Power valve adaptor	900.18.11				
Flip - Flop 	G 1/8"	900.52.1.2	/	10 bar	540 NI/min	mm 6
Oscillator valve 	Without "NOT" logic elements	900.52.5	/	2-8 bar	540 NI/min	mm 6
	Including "NOT" logic elements	900.52.5.C				
External feeding base 	For "NOT" logic elements	900.005	/	/	/	/
Signal amplifier 	G 1/8"	900.32.6	/	0,05-10 bar	130 NI/min	mm 3
Progressive start-up valve 	G 1/4"	900.14.7	/	2,5-10 bar	Flow rate needle fully open from 1 to 2 200 NI/min	mm 6
High-low pressure device 	Including pneumatic control	900.18.8P	/	10 bar	650 NI/min	/
	Including M2 mechanic	900.18.8E				



		Symbol	Description	Code	Working pressure	Flow rate at 6 bar, Δp=1	Flow rate at atm. press.	Working temperature	
Unidirectional 	G1/8"		Metal banjo Ø4	500418U	0,5 - 10 bar	285 NI/min	450 NI/min	5 - 50 °C	
			Metal banjo Ø6	500618U					
			Metal banjo Ø8	500818U					
			Metal banjo G1/8"	501818U					
			Banjo only	50A18U					
Bidirectional 			Metal banjo Ø4	500418B					
			Metal banjo Ø6	500618B					
			Metal banjo Ø8	500818B					
			Metal banjo G1/8"	501818B					
			Banjo only	50A18B					
Unidirectional 	G1/4"		Metal banjo Ø6	500614U	0,5 - 10 bar	530 NI/min	800 NI/min		
			Metal banjo Ø8	500814U					
			Metal banjo Ø10	501014U					
			Metal banjo Ø14	501414U					
			Banjo only	50A14U					
Bidirectional 			Metal banjo Ø6	500614B					
			Metal banjo Ø8	500814B					
			Metal banjo Ø10	501014B					
			Metal banjo Ø14	501414B					
			Banjo only	50A14B					
Unidirectional 	G3/8"		Metal banjo Ø6	500638U	0,5 - 10 bar	1000 NI/min	1600 NI/min		
			Metal banjo Ø8	500838U					
			Metal banjo Ø10	501038U					
			Metal banjo Ø12	501238U					
			Metal banjo G3/8"	503838U					
			Banjo only	50A38U					
Bidirectional 			Metal banjo Ø6	500638B					
			Metal banjo Ø8	500838B					
			Metal banjo Ø10	501038B					
			Metal banjo Ø12	501238B					
			Metal banjo G3/8"	503838B					
			Banjo only	50A38B					
Unidirectional 	G1/2"		Metal banjo Ø12	501212U	0,5 - 10 bar	1300 NI/min	2600 NI/min		
			Metal banjo Ø14	501412U					
			Metal banjo G1/2"	50G1212U					
			Banjo only	50A12U					
Bidirectional 			Metal banjo Ø12	501212B					
			Metal banjo Ø14	501412B					
			Metal banjo G1/2"	50G1212B					
			Banjo only	50A12B					



		Symbol	Description	Code	Working pressure	Flow rate at 6 bar, Δp=1	Flow rate at atm. press.	Working temperature
	Unidirectional	G1/8"		Technopolymer fitting Ø4	T500418U	0,5 - 10 bar	285 NI/min	450 NI/min
			Technopolymer fitting Ø6	T500618U				
			Technopolymer fitting Ø8	T500818U				
	Bidirectional		Technopolymer fitting Ø4	T500418B				
			Technopolymer fitting Ø6	T500618B				
			Technopolymer fitting Ø8	T500818B				
	Unidirectional	G1/4"		Technopolymer fitting Ø6	T500614U	0,5 - 10 bar	530 NI/min	800 NI/min
			Technopolymer fitting Ø8	T500814U				
			Technopolymer fitting Ø10	T501014U				
	Bidirectional		Technopolymer fitting Ø6	T500614B				
			Technopolymer fitting Ø8	T500814B				
			Technopolymer fitting Ø10	T501014B				
	Unidirectional	G3/8"		Technopolymer fitting Ø8	T500838U	0,5 - 10 bar	1000 NI/min	1600 NI/min
			Technopolymer fitting Ø10	T501038U				
			Technopolymer fitting Ø12	T501238U				
	Bidirectional		Technopolymer fitting Ø8	T500838B				
			Technopolymer fitting Ø10	T501038B				
			Technopolymer fitting Ø12	T501238B				
	Unidirectional	G1/2"		Technopolymer fitting Ø10	T501012U	0,5 - 10 bar	1300 NI/min	2600 NI/min
			Technopolymer fitting Ø12	T501212U				
	Bidirectional		Technopolymer fitting Ø10	T501012B				
			Technopolymer fitting Ø12	T501212B				



	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar, Δp=1	Orifice size
		Unidirectional flow regulator	551.111.A.B.XX	/	10 bar	/	3 mm
		Bidirectional flow regulator	551.112.A.B.XX				
		In line pressure regulator (0-2 bar)	551.122.A.B.XX	/	10 bar	180 NI/min	/
		In line pressure regulator (0-4 bar)	551.124.A.B.XX				
		In line pressure regulator (0-8 bar)	551.128.A.B.XX				
		90° pressure regulator (0-2 bar)	551.222.A.B.XX	/	10 bar	180 NI/min	/
		90° pressure regulator (0-4 bar)	551.224.A.B.XX				
		90° pressure regulator (0-8 bar)	551.228.A.B.XX				
		Unidirectional blocking valve	551.131.A.B.XX	/	0,5 - 10 bar	285 NI/min	/
		Bidirectional blocking valve	551.132.A.B.XX				
		Unidirectional 90° blocking valve	551.231.A.B.XX	/	0,5 - 10 bar	285 NI/min	/
		Bidirectional 90° blocking valve	551.232.A.B.XX				
		Circuit selector valve - OR	551.141.A.B.C	/	10 bar	600 NI/min	/
		Circuit selector valve - AND	551.151.A.B.C				
		Quick exhaust valve	551.161.A.B.XX	/	10 bar	250 NI/min	/
		Pressure indicator	551.178.A.B.XX	/	8 bar	/	/
		Soft start valve in line	551.181.A.B.XX	/	0,2 - 10 bar	650 NI/min	/
		Soft start valve 90°	551.281.A.B.XX	/	0,2 - 10 bar	650 NI/min	/
		Unidirectional blocking valve + Unidirectional flow control valve	551.1F1.A.B.XX	/	0,5 - 10 bar	285 NI/min	/
		Bidirectional blocking valve + Bidirectional flow control valve	551.1F2.A.B.XX				
		Unidirectional blocking valve + Bidirectional flow control valve	551.1F3.A.B.XX				
		Bidirectional blocking valve + Unidirectional flow control valve	551.1F4.A.B.XX				
		Unidirectional blocking valve + Unidirectional flow control valve	551.2F1.A.B.XX	/	0,5 - 10 bar	285 NI/min	3 mm
		Bidirectional blocking valve + Bidirectional flow control valve	551.2F2.A.B.XX				
		Unidirectional blocking valve + Bidirectional flow control valve	551.2F3.A.B.XX				
		Bidirectional blocking valve + Unidirectional flow control valve	551.2F4.A.B.XX				
		Unidirectional blocking valve + Quick exhaust valve	551.1G1.A.B.XX	/	0,5 - 10 bar	285 NI/min	/
		Bidirectional blocking valve + Quick exhaust valve	551.1G2.A.B.XX				
		90° Unidirectional blocking valve + Quick exhaust valve	551.2G1.A.B.XX	/	0,5 - 10 bar	285 NI/min	/
		90° Bidirectional blocking valve + Quick exhaust valve	551.2G2.A.B.XX				
		In line pres. regulat. + pres. indicat. (0-2 bar)	551.1H2.A.B.XX	/	8 bar	/	/
		In line pres. regulat. + pres. indicat. (0-4 bar)	551.1H4.A.B.XX				
		In line pres. regulat. + pres. indicat. (0-8 bar)	551.1H8.A.B.XX				
		90° pres. regulat. + pres. indicat. (0-2 bar)	551.2H2.A.B.XX	/	8 bar	/	/
		90° pres. regulat. + pres. indicat. (0-4 bar)	551.2H4.A.B.XX				
		90° pres. regulat. + pres. indicat. (0-8 bar)	551.2H8.A.B.XX				

CONNECTIONS LIST "A" - "B" :

00 = None

D4 = Straight ø4

D6 = Straight ø6

D8 = Straight ø8

L1 = Female banjo G1/8"

G4 = Rotating banjo ø4

G6 = Rotating banjo ø6

G8 = Rotating banjo ø8

M1 = G1/8" male

M2 = G1/4" male

F1 = G1/8" female



Accessories

Coupling kit (pins and forks)	Fixing brackets	DIN rail adapter
55160	55150	55116
		

Connections type

ø4 straight cartridge	ø6 straight cartridge	ø8 straight cartridge
551KD4	551KD6	551KD8
		

ø4 banjo PL cartridge	ø6 banjo PL cartridge	ø8 banjo PL cartridge
551KG4	551KG6	551KG8
		

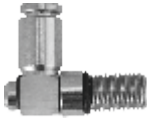
G 1/8" banjo female cartridge	G 1/8" male straight cartridge	G 1/4" male straight cartridge
551KL1	551KM1	551KM2
		

G1/8" female straight cartridge	Connection for multiple function
551KF1	551KUU
	



	Code	Wall fixing screws	Assembly positions	Flow at 6,3 bar Δp 1	Max. pressure	Temperature
	17522AA . . C = 0 - 8 bar B = 0 - 4 bar (adjusting range) A = 0 - 2 bar 4 = Tube Ø4 mm (inlet connection) 6 = Tube Ø6 mm	/	Indifferent	120 NI/min		
	17602A . . C = 0 - 8 bar B = 0 - 4 bar (adjusting range) A = 0 - 2 bar 0 = None 1 = G1/8" banjo 4 = Tube Ø4 mm 6 = Tube Ø6 mm 8 = Tube Ø8 mm	/	Indifferent	120 NI/min	10 bar	-5°C +50°C
	17602B . . C = 0 - 8 bar B = 0 - 4 bar (adjusting range) A = 0 - 2 bar 0 = None 1 = G1/4" banjo 4 = Tube Ø4 mm 6 = Tube Ø6 mm 8 = Tube Ø8 mm	/	Indifferent	120 NI/min		



	Code	Wall fixing screws	Assembly positions	Flow at 6,3 bar Δp 1	Max. pressure	Temperature
	RDR3.40-MH05	/	/	/		
	RDR6.40- MH12 = M6, H= 12mm FH12 = M6x0,75, H= 12mm	/	/	/		
	RGR3.40-MH05	/	/	/	10 bar	-20°C +70°C
	RGR6.40- MH12 = M6, H= 12mm FH12 = M6x0,75, H= 12mm	/	/	/		

