



MINIATUREVALVES

(series 104, catalogue 1, section 1 and news 32)

PNEUMAX

	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size
Tube ø4 2/2 		Tappet - spring lateral connection N.C.	104.22.0.1.LC	13 N	10 bar	90 NI/min	mm 2,5
		Tappet - spring lateral connection N.O.	104.22.0.1.LA				
		Tappet - spring rear connection N.C.	104.22.0.1.PC				
		Tappet - spring rear connection N.O.	104.22.0.1.PA				
		Pneum. - spring lateral connection N.C.	104.22.11.1.LC	/	10 bar (min. oper. pressure 2,5 bar)		
		Pneum. - spring rear connection N.O.	104.22.11.1.LA				
		Pneum. - spring lateral connection N.C.	104.22.11.1.PC				
		Pneum. - spring rear connection N.O.	104.22.11.1.PA				
		Pushbutton - spring lateral connec. N.C.	104.22.6.22/* .LC	18 N	10 bar		
		Pushbutton - spring lateral connec. N.O.	104.22.6.22/* .LA				
		Pushbutton - spring rear connec. N.C.	104.22.6.22/* .PC				
		Pushbutton - spring rear connec. N.O.	104.22.6.22/* .PA				
		Pushbutton 2 pos. lateral connec. N.C.	104.22.6.31.LC				
		Pushbutton 2 pos. lateral connec. N.O.	104.22.6.31.LA				
		Pushbutton 2 pos. rear connec. N.C.	104.22.6.31.PC				
		Pushbutton 2 pos. rear connec. N.O.	104.22.6.31.PA				
		Raised pushbut. - spring lateral connec. N.C.	104.22.6.23/* .LC				
		Raised pushbut. - spring lateral connec. N.O.	104.22.6.23/* .LA				
		Raised pushbut. - spring rear connec. N.C.	104.22.6.23/* .PC				
		Raised pushbut. - spring rear connec. N.O.	104.22.6.23/* .PA				
		Palm button 2 pos. lateral connec. N.C.	104.22.6.25.LC				
		Palm button 2 pos. lateral connec. N.O.	104.22.6.25.LA				
		Palm button 2 pos. rear connec. N.C.	104.22.6.25.PC				
		Palm button 2 pos. rear connec. N.O.	104.22.6.25.PA				
		Switch 2 pos. long lever lateral conn. N.C.	104.22.6.27.LC	19 N	10 bar		
		Switch 2 pos. long lever lateral conn. N.O.	104.22.6.27.LA				
		Switch 2 pos. long lever rear conn. N.C.	104.22.6.27.PC				
		Switch 2 pos. long lever rear conn. N.O.	104.22.6.27.PA				
		Key switch lateral connection N.C.	104.22.6.28.LC				
		Key switch lateral connection N.O.	104.22.6.28.LA				
		Key switch rear connection N.C.	104.22.6.28.PC				
		Key switch rear connection N.O.	104.22.6.28.PA				
	Switch 2 pos. short lever lateral conn. N.C.	104.22.6.30.LC					
	Switch 2 pos. short lever lateral conn. N.O.	104.22.6.30.LA					
	Switch 2 pos. short lever rear conn. N.C.	104.22.6.30.PC					
	Switch 2 pos. short lever rear conn. N.O.	104.22.6.30.PA					
3/2 		Tappet - spring lateral connection N.C.	104.32.0.1.LC			13 N	10 bar
		Tappet - spring lateral connection N.O.	104.32.0.1.LA				
		Tappet - spring rear connection N.C.	104.32.0.1.PC				
		Tappet - spring rear connection N.O.	104.32.0.1.PA				
		Pneum. - spring lateral connection N.C.	104.22.11.1.LC	/	10 bar (min. oper. pressure 2,5 bar)		
		Pneum. - spring rear connection N.O.	104.22.11.1.LA				
		Pneum. - spring lateral connection N.C.	104.22.11.1.PC				
		Pneum. - spring rear connection N.O.	104.22.11.1.PA				

* 1 = Red 2 = Black 3 = Green 4 = Yellow



	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size	
		Pushbutton - spring lateral connec. N.C.	104.32.6.22/* LC	18 N	10 bar	90 NI/min	mm 2,5	
		Pushbutton - spring lateral connec. N.O.	104.32.6.22/* LA					
		Pushbutton - spring rear connec. N.C.	104.32.6.22/* PC					
		Pushbutton - spring rear connec. N.O.	104.32.6.22/* PA					
		Pushbutton 2 pos. lateral connec. N.C.	104.32.6.31 LC					
		Pushbutton 2 pos. lateral connec. N.O.	104.32.6.31 LA					
		Pushbutton 2 pos. rear connec. N.C.	104.32.6.31 PC					
		Pushbutton 2 pos. rear connec. N.O.	104.32.6.31 PA					
		Raised pushbut. - spring lateral connec. N.C.	104.32.6.23/* LC					
		Raised pushbut. - spring lateral connec. N.O.	104.32.6.23/* LA					
		Raised pushbut. - spring rear connec. N.C.	104.32.6.23/* PC					
		Raised pushbut. - spring rear connec. N.O.	104.32.6.23/* PA					
			Palm button 2 pos. lateral connec. N.C.	104.32.6.25 LC	19 N	10 bar	90 NI/min	mm 2,5
			Palm button 2 pos. lateral connec. N.O.	104.32.6.25 LA				
			Palm button 2 pos. rear connec. N.C.	104.32.6.25 PC				
			Palm button 2 pos. rear connec. N.O.	104.32.6.25 PA				
			Switch 2 pos. long lever lateral conn. N.C.	104.32.6.27 LC				
			Switch 2 pos. long lever lateral conn. N.O.	104.32.6.27 LA				
			Switch 2 pos. long lever rear conn. N.C.	104.32.6.27 PC	/	10 bar	90 NI/min	mm 2,5
			Switch 2 pos. long lever rear conn. N.O.	104.32.6.27 PA				
			Key switch lateral connection N.C.	104.32.6.28 LC				
			Key switch lateral connection N.O.	104.32.6.28 LA				
			Key switch rear connection N.C.	104.32.6.28 PC				
			Key switch rear connection N.O.	104.32.6.28 PA				
		Switch 2 pos. short lever lateral conn. N.C.	104.32.6.30 LC					
		Switch 2 pos. short lever lateral conn. N.O.	104.32.6.30 LA					
		Switch 2 pos. short lever rear conn. N.C.	104.32.6.30 PC					
		Switch 2 pos. short lever rear conn. N.O.	104.32.6.30 PA					
		Pushbutton - spring lateral connection	104.52.6.22/* L	30N	10 bar	90 NI/min	mm 2,5	
		Pushbutton - spring rear connection	104.52.6.22/* P					
		Pushbutton 2 pos. lateral connection	104.52.6.31 L					
		Pushbutton 2 pos. rear connection	104.52.6.31 P					
			Raised pushbut. - spring lateral connection	104.52.6.23/* L				32N
			Raised pushbut. - spring rear connection	104.52.6.23/* P				
			Palm button 2 pos. lateral connection	104.52.6.25 L				/
			Palm button 2 pos. rear connection	104.52.6.25 P				
			Switch long lever 2 pos. stable lateral conn.	104.52.6.27 L				
			Switch long lever 2 pos. stable rear conn.	104.52.6.27 P				
			Key switch 2 pos. stable lateral connection	104.52.6.28 L				
			Key switch 2 pos. stable rear connection	104.52.6.28 P				
		Switch 2 pos. stable short lever lateral conn.	104.52.6.30 L					
		Switch 2 pos. stable short lever rear conn.	104.52.6.30 P					
		Switch long lever 3 pos. instable lat. connec.	104.53.32.6.27.O.L	/				
		Switch long lever 3 pos. instable rear connec.	104.53.32.6.27.O.P					

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MINIATUREVALVES

(series 104, catalogue 1, section 1 and news 32)

PNEUMAX

	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size					
<p>5/3 Open Centres</p>		Switch long lever 3 pos. stable lateral connec.	104.53.32.6.27.1.L	/	10 bar	90 NI/min	mm 2,5					
		Switch long lever 3 pos. stable rear connec.	104.53.32.6.27.1.P									
		Kej switch 3 pos. instable lateral connection	104.53.32.6.28.0.L									
		Kej switch 3 pos. instable rear connection	104.53.32.6.28.0.P									
		Kej switch 3 pos. stable lateral connection	104.53.32.6.28.1.L									
		Kej switch 3 pos. stable rear connection	104.53.32.6.28.1.P									
		Switch short lever 3 pos. instable lateral conn.	104.53.32.6.30.0.L									
		Switch short lever 3 pos. instable rear conn.	104.53.32.6.30.0.P									
		Switch short lever 3 pos. stable lateral conn.	104.53.32.6.30.1.L									
		Switch short lever 3 pos. stable rear conn.	104.53.32.6.30.1.P									
	<p>5/3 Pressured Centres</p>		Switch long lever 3 pos. instable lat. connec.					104.53.33.6.27.0.L	/	10 bar	90 NI/min	mm 2,5
			Switch long lever 3 pos. instable rear connec.					104.53.33.6.27.0.P				
		Switch long lever 3 pos. stable lateral connec.	104.53.33.6.27.1.L									
		Switch long lever 3 pos. stable rear connec.	104.53.33.6.27.1.P									
		Kej switch 3 pos. instable lateral connection	104.53.33.6.28.0.L									
		Kej switch 3 pos. instable rear connection	104.53.33.6.28.0.P									
		Kej switch 3 pos. stable lateral connection	104.53.33.6.28.1.L									
		Kej switch 3 pos. stable rear connection	104.53.33.6.28.1.P									
		Switch short lever 3 pos. instable lateral conn.	104.53.33.6.30.0.L									
		Switch short lever 3 pos. instable rear conn.	104.53.33.6.30.0.P									
		Switch short lever 3 pos. stable lateral conn.	104.53.33.6.30.1.L									
		Switch short lever 3 pos. stable rear conn.	104.53.33.6.30.1.P									
<p>Accessories</p>		Complet pneumatic operator	104.11	/								
			Push button					104.6.22/*				
			Raised push button					104.6.23/*				
			Palm button 2 positions					104.6.25				
			Switch long lever 2 positions stable					104.6.27				
			Switch long lever 3 positions instable					104.6.27.0				
			Switch long lever 3 positions stable					104.6.27.1				
			Kej switch 2 positions stable					104.6.28				
			Kej switch 3 positions instable					104.6.28.0				
			Kej switch 3 positions stable					104.6.28.1				
			Switch short lever 2 positions stable					104.6.30				
			Switch short lever 3 positions instable					104.6.30.0				
			Switch short lever 3 positions stable					104.6.30.1				
			Push button 2 pos. (step. - step.)					104.6.31				
		Fixing plate (complet with fixing screws)	104.00									
		Contact electric element N.C.	104.NC									
		Contact electric element N.O.	104.NA									

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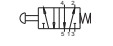

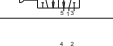



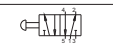
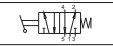


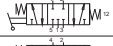


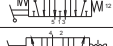





		Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size	
M5	3/2		Tappet-spring	105.32.0.1	14 N	10 bar	120 NI/min	mm 2,5	
			Lever roller spring	105.32.2.1	6 N				
			Lever roller ball bearings spring	105.32.2.1/1					
			Lever button spring	105.32.2.6/*					
			Lever roller, unidirectional spring	105.32.3.1					
			Lever panel Ø 22 - 2 positions	105.32.4/*	/				
			Lever panel Ø 30 - 2 positions	105.32.5/*					
			Push button Ø 30 spring	105.32.6.1/*	14 N				
			Push button Ø 22 spring	105.32.6.2/*					
			Push button spring	105.32.6.22/**					
			Raised push button spring	105.32.6.23/**					
			Switch - 2 positions	105.32.6.27	/				
		Key switch - 2 positions	105.32.6.28						
		Handle with valve N.O.	105.32.6.40A	14 N					
		Handle with valve N.C.	105.32.6.40C						
		Palm pushbutton Ø 30 spring	105.32.7.1/*	14 N					
		Palm pushbutton Ø 22 spring	105.32.7.2/*						
		Push button spring	105.32.8.1/*						
		Push button - 2 positions	105.32.8/*	3 N					
		Whisker spring	105.32.9.1						
	5/2			Tappet spring	105.52.0.1	14 N	10 bar	120 NI/min	mm 2,5
				Lever roller spring	105.52.2.1	6 N			
				Lever roller ball bearing spring	105.52.2.1/1				
				Lever button spring	105.52.2.6/*				
			Lever roller unidirectional spring	105.52.3.1					
			Lever panel Ø 22 - 2 positions	105.52.4/*	/				
			Lever panel Ø 30 - 2 positions	105.52.5/*					
			Push button Ø 30 spring	105.52.6.1/*	14 N				
			Push button Ø 22- spring	105.52.6.2/*					
			Push button spring	105.52.6.22/**					
			Raised push button-spring	105.52.6.23/**					
			Switch 2 positions	105.52.6.27	/				
			Key switch 2 positions	105.52.6.28					
			Palm push button Ø 30 spring	105.52.7.1/*	14 N				
			Palm push button Ø 22 spring	105.52.7.2/*					
			Push button - spring	105.52.8.1/*					
			Push button 2 positions	105.52.8/*	3 N				
			Whisker - Spring	105.52.9.1					

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1



		Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size			
G1/8"	3/2		Tappet spring	228.32.0.1	33 N	10 bar	540 NI/min	mm 6			
			Tappet panel spring	228.32.1.1							
			Pedal aluminium 2-positions	228.32.10	/						
				Pedal aluminium spring					228.32.10.1		
									Pedal protected spring	228.32.10.1/1	
			Pedal prot. - Spring (no safety dev.)						228.32.10.2/1		
			Pedal protected - 2 positions	228.32.10/1	15 N						
				Lever plastic roller spring					228.32.2.1		
				Lever roller ball bearings spring					228.32.2.1/1		
			Lever metal roller spring	228.32.2.1/2	/						
			Lever button spring	228/.32.2.6/*							
			Switch lateral 2-positions	228.32.27	15 N						
				Lever roller unidirectional spring					228.32.3.1		
		Lever roller unidirectional spring		228.32.3.1/2	/						
			Lever roller lateral bidirect. spring	228.32.4.1							
			Lever sensitive differential	228.32.4.13	/						
			Lever panel Ø 30 2-positions	228.32.5/*							
		Lever front 2-positions	228.32.55/*	33 N							
		Push button Ø 30 spring	228.32.6.1/*								
		Sensitive push button Ø 30 diff.	228.32.6.13/*	18,5 N							
			Push button spring		228.32.6.22/**						
	Raised push button spring		228.32.6.23/**	33 N							
		Palm button 2-positions	228.32.6.25		/						
		Switch 2 positions	228.32.6.27								
		Key switch 2-positions	228.32.6.28	33 N							
		Palm push button Ø 30 spring	228.32.7.1/*								
		Push button spring	228.32.8.1/*	10 N							
		Push button 2-positions	228.32.8/*								
			Lever lateral spring	228.32.9.1/*	/						
	Lever lateral 2 positions		228.32.9/*								
	5/2		Tappet spring	228.52.0.1	33 N				10 bar	540 NI/min	mm 6
			Tappet panel spring	228.52.1.1							
		Pedal aluminium 2 positions	228.52.10	/							
			Pedal aluminium spring		228.52.10.1						
					Pedal protected - spring	228.52.10.1/1					
					Pedal prot. - spring (no safety dev.)	228.52.10.2/1					
			Pedal plastic spring (miniatur)		228.52.10.1P						
		Pedal spring(miniat.stainless spool)	228.52.10.1PX								
		Pedal protected 2 positions	228.52.10/1	15 N							
			Lever plastic roller spring		228.52.2.1						
			Lever roller ball bearings - spring		228.52.2.1/1						
Lever metal roller- spring		228.52.2.1/2	/								
		Lever button - spring		228.52.2.6/*							
		Switch lateral - 2 positions	228.52.27	15 N							
			Lever roller unidirectional - spring		228.52.3.1						

	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size
G 1/8"		Lever roller, unidirectional spring	228.52.3.1/2	15 N	10 bar	540 NI/min	mm 6
		Lever roller lateral bidir. - spring	228.52.4.1				
		Lever sensitive differential	228.52.4.13	/			
		Lever panel Ø 30 - 2 positions	228.52.5/*				
		Lever front 2 positions	228.52.55/*				
		Push button Ø 30 spring	228.52.6.1/*	33 N			
		Sensitive pushbutton Ø 30 differ.	228.52.6.13/*	18,5 N			
		Push button spring	228.52.6.22/**	33 N			
		Raised push button spring	228/52.6.23/**				
		Palm pushbutton 2 positions	228/52.6.25				
		Switch 2 positions	228.52.6.27	/			
		Key switch 2 positions	228.52.6.28				
		Palm push button Ø 30 spring	228.52.7.1/*	33 N			
		Pushbutton spring	228.52.8.1/*				
		Push button 2 positions	228.52.8/*	10 N			
		Lever lateral spring	228.52.9.1/*				
		Lever lateral 2 positions	228.52.9/*				
	5/3		Pedal spring - 3 positions	228.53.31.10.1			
		Lever lat. spring 3 pos. closed c.	228.53.31.9.1/*				
		Lever lateral 3 pos. closed c.	228.53.31.9/*				
		Pedal spring 3- pos. O.C.	228.53.32.10.1				
		Lever lateral spring 3 pos. open c.	228.53.32.9.1/*				
		Lever lateral 3 pos. open centres	228.53.32.9/*				
		Lever central (2 positions)	228.53.32.99.2/***				
		Lever central (3 positions)	228.53.32.99.3/***				
	Lever central - spring 3 positions	228.53.32.99/***					

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1





























VALVES














(series 200, catalogue 1, section 2)

PNEUMAX

		Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size						
G 1/4"			Tappet spring	224.32.1.1	71,5 N	10 bar	1360 NI/min	mm 8						
			Pedal aluminium 2 positions	224.32.10	/									
			Pedal aluminium - spring	224.32.10.1										
			Pedal protected 2 positions	214.32.10/1										
			Pedal protected - spring	214.32.10.1/1										
			Pedal prot. - spring (no safety dev.)	214.32.10.2/1	35 N									
			Lever roller spring	224.32.2.1	10 N									
			Lever roller unidirectional - spring	224.32.3.1	71,5 N									
			Push button 2 positions	224.32.8	/									
			Push button spring	224.32.8.1										
			Lever lateral - spring	224.32.9.1/*										
			Lever lateral 2 positions	224.32.9/*										
									Tappet spring	224.52.1.1	71,5 N	10 bar	1360 NI/min	mm 8
									Pedal aluminium 2 positions	224.52.10	/			
Pedal aluminium- spring	224.52.10.1													
Pedal protected 2 positions	214.52.10/1													
Pedal protected spring	214.52.10.1/1													
Pedal protected -spring (no saf.)	214.52.10.2/1	35 N												
Lever roller spring	224.52.2.1	10 N												
Lever roller unidirectional -spring	224.52.3.1	71,5 N												
Push button 2 positions	224.52.8	/												
Push button -spring	224.52.8.1													
Lever lateral spring	224.52.9.1/*													
Lever lateral 2 positions	224.52.9/*													
						Pedal 3 positions closed centres	224.53.31.10	/	10 bar	1280 NI/min	mm 8			
						Pedal - spring 3 pos. closed c.	224.53.31.10.1							
			Lever lat. - spring 3 pos. closed c.	224.53.31.9.1/*										
			Lever lateral 3 pos. closed c.	224.53.31.9/*										
			Pedal aluminium 3 pos.open c.	224.53.32.10										
			Pedal alum. spring 3 pos. open c.	224.53.32.10.1										
			Lever lat. - spring 3 pos. open c.	224.53.32.9.1/*										
			Lever lateral 3 pos. open centres	224.53.32.9/*										
G 1/4" Compact series			Tappet spring	214/2.32.0.1	51 N	10 bar	970 NI/min	mm 7						
			Lever roller spring	214/2.32.2.1	24 N									
			Lever roller ball bearing spring	214/2.32.2.1/1										
			Lever roller spring	214/2.32.2.1/2										
			Lever button spring	214/2.32.2.6/*										
			Lever roller, unidirectional spring	214/2.32.3.1	/									
			Lever roller, unidirectional spring	214/2.32.3.1/2										
			Lever rotating 2 positions	214/2.32.5										
			Lever front 2 positions	214/2.32.55/*	51 N									
			Push button spring	214/2.32.8.1/*	10 N									
			Push button 2 positions	214/2.32.8/*										
									Tappet spring	214/2.52.0.1	51 N	10 bar	970 NI/min	mm 7
									Lever roller spring	214/2.52.2.1	24 N			

	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size		
G 1/4" Compact series 	5/2	 Lever roller ball bearing spring	214.52.2.1/1	24 N	10 bar	970 NI/min	mm 7		
		 Lever roller spring	214.2.52.2.1/2						
	 Lever button spring	214/2.52.2.6/*	 Lever roller unidirectional spring					214/2.52.3.1	
		214/2.52.3.1/2							
	 Lever rotating 2 positions	214/2.52.5	 Lever front 2 positions					214/2.52.55/*	/
		214/2.52.8.1/*						51 N	
	 Push button 2 positions	214/2.52.8/*	10 N						
G 1/2" 	3/2	 Lever lateral 2 positions	212.32.9	/	10 bar	3500 NI/min	mm 15		
		 Lever lateral spring	212.32.9.1						
	5/2	 Lever lateral 2 positions	212.52.9	/	10 bar	3500 NI/min	mm 15		
		 Lever lateral spring	212.52.9.1						
	5/3	 Lever lateral 3 pos. closed c.	212.53.31.9	/	10 bar	3000 NI/min	mm 15		
		 Lever lat. spring 3 pos. closed c.	212.53.31.9.1						
		 Lever lat. 3 positions open c.	212.53.32.9						
 Lever lateral 3 positions open c.	212.53.32.9.1								
G 1" 	3/2	 Lever lateral 2 positions	211.32.9	/	10 bar	6500 NI/min	mm 20		
		 Lever lateral spring	211.32.9.1						
	5/2	 Lever lateral 2 positions	211.52.9	/	10 bar	6500 NI/min	mm 20		
		 Lever lateral spring	211.52.9.1						
	5/3	 Lever lateral 3 positions closed c.	211.53.31.9	/	10 bar	6500 NI/min	mm 20		
		 Lever lat. spring 3 pos. closed c.	211.53.31.9.1						
		 Lever lateral 3 positions open c.	211.53.32.9						
 Lever lat. - spring 3 pos. open c.	211.53.32.9.1								

* 1 = Red 2 = Black 3 = Green

	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size	
M5 	3/2	 Tappet spring	705.32.0.1	21,5 N	10 bar	120 NI/min	mm 2,5	
		 Lever roller spring	705.32.2.1	10 N				
	 Lever roller ball bearing spring		705.32.2.1/1					
	 Lever button spring	705.32.2.6/*	 Lever roller unidirectional spring	705.32.3.1				
	 Lever panel Ø 30 2 positions	705.32.5		/				
	 Lever panel Ø 22 2 positions	705.32.55/*	 Lever button Ø 30 spring	705.32.6.1/*				21,5 N
	 Pushbutton Ø 22 spring	705.32.6.2/*						
	 Palm pushbutton Ø 30 mm spring	705.32.7.1/*						
	 Palm pushbutton Ø 22 mm spring	705.32.7.2/*						
	 Whisker spring	705.32.9.1	/					

* 1 = Red 2 = Black 3 = Green



		Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size	
G 1/8"			Tappet spring	718.32.01	44 N	10 bar	570 NI/min	5,5 mm	
			Lever roller spring	718.32.2.1	20 N				
			Lever roller spring	718.32.2.1/2					
			Lever roller ball bearing spring	718.32.2.1/1					
			Lever button spring	718.32.2.6/*	44,3 N				
				Lever roller unidirectional spring					718.32.3.1
				Lever roller unidirectional spring					718.32.3.1/2
	Push button Ø 30 mm spring		718.32.6.1/*						
	Palm push button Ø 30 mm spring	718.32.7.1/*							

* 1 = Red 2 = Black 3 = Green



		Simbolo	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size
Miniature flow control valve	M5 tube ø3		Bidirectional	6.01.305.1.1	/	/	/	mm 2
			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	/	/	/	mm 1,5	
		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					
Flow control valve	M5		Unidirectional connection in line	6.01.05	/	/	/	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				
	G1/8"		Unidirectional through screw	6.01.05.180				
			Bidirectional trough screw	6.01.05.180/2				
			Unidirectional ultra sensitive	6.01.18/4				
			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					



	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size	
		Unidirectional fine	6.01.18.N	/	/	/	mm 4	
		Bidirectional fine	6.01.18.NE					
		Unidirectional fine with nut	6.01.18/1.N					
		Bidirectional fine with nut	6.01.18/1.NE					
			Unidirectional	6.01.14/1	/	10 bar	/	mm 5,5
			Bidirectional	6.01.14.N				
			Compact type unidirectional	6.01.14/1.N				mm 7
			Unidirectional	6.01.12.N	/	/	/	mm 12
Bidirectional			6.01.12/1.N					
		Unidirectional	6.01.34	/	/	/	/	
Quick exhaust valves 		M5	6.02.05	/	/	/	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	
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	/	/	/	110 NI/min	
		"OR" G 1/8"	6.04.18				700 NI/min	
		"OR" G 1/4"	6.04.14				2200 NI/min	
		"AND" G 1/2"	6.04.18/1				480 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	/	max 10 bar	/	160 NI/min	
		Poppet NBR G 1/8"	6.07.18				650 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 Viton G 1/8"	6.07.18V				650 NI/min	
		Poppet Viton G 1/4"	6.07.014V				1150 NI/min	
		Poppet Viton G 3/8"	6.07.38V				2600 NI/min	
Poppet Viton G 1/2"	6.07.12V	3500 NI/min						



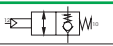
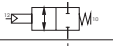






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ACCESSORIES

(series 600, catalogue 1, section 4)

PNEUMAX




	Symbol	Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size
Manifold 		4 connections M5	6.08.05/4	/	max 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				
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				
		 Bidirectional	6.09.12.BN				
Economizer 		 G 1/8" (adj. range 0 to 5.5 bar)	6.11.18	/	max 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/*				

* = seats number (from 2 up to 10)









COMPLEMENTARY VALVES

(series 900, catalogue 1, section 5)

	Description	Code	Operating force	Max. pressure	Flow at 6 bar	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	/	max. 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				
	N.O. 30 seconds	900.18.4				
	N.O. 60 seconds	900.18.4-60				



		Description	Code	Operating force	Max. pressure	Flow at 6 bar	Orifice size
Two hands safety valves		Type III A (according to EN 574 standard)	900.18.9	/	3÷8 bar	40 NI/min	mm 2,5
		Type III B (according to EN 574 standard)	900.18.10				
		Power valve adaptor	900.18.11				
Flip - Flop		G 1/8"	900.52.1.2	/	max.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	900.52.5C				
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	/	max.10 bar	650 NI/min	/
		Including M2 mechanic	900.18.8E				

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