

# INDUSTRIAL PNEUMATICS - valves

## Series 70 - pneumatic control



### Distribution valves PNV

**Type:** 3/2, 5/2, 5/3  
**Size:** 1/8", 1/4", 1/2"  
**Working press.:** Up to 10 bar  
**Min. press. control:** 2.5 bar (monostable)  
                                   1 bar (bistable)  
**Working temp.:** From -10°C up to +60°C  
**Connection:** 1/8", 1/4", 1/2" BSP female thread  
**Flow rate:** 550 l/min - 1/8"  
                   1100 l/min - 1/4"  
                   4600 l/min - 1/2"  
                   (input pressure 6 bar and  $\Delta p = 1$  bar)

**Material:** Valve body made of aluminium, spool of nickel-plated aluminium, seal of NBR and cover of Hostaform®.  
**Description:** General purpose pneumatic distribution valves most often used to control actuators. Can be mounted in line, on the wall, directly to actuators or on manifold base.

PNV	2	3	PN	S	NC
series	size	function	controlling (14)	return (12)	further details
PNV - pneumatic valve	2 - 1/8" 3 - 1/4" 4 - 1/2"	3 - 3/2 5 - 5/2 6 - 5/3	PN- pneumatic	S - mechanical spring B - bi-stable D - differential O - stable for 5/3 A - pneumatic / mechanical spring	NC - normally closed NO - normally opened OO - 3/2 bi-stable or 5/2 CC - closed outlets OC - deaerated outlets PC - aerated outlets

1/8"		1/4"		1/2"		function and symbol
code	type	code	type	code	type	
MW-7010010100	PNV 23 PNB OO	MW-7020010100	PNV 33 PNB OO	MW-7030010100	PNV 43 PNB OO	3/2 
MW-7010010200	PNV 23 PNS NC	MW-7020010200	PNV 33 PNS NC	MW-7030010200	PNV 43 PNS NC	
MW-7010010400	PNV 23 PNS NO	MW-7020010400	PNV 33 PNS NO	MW-7030010400	PNV 43 PNS NO	
MW-7010011100	PNV 25 PNS OO	MW-7020011100	PNV 35 PNS OO	MW-7030011100	PNV 45 PNS OO	5/2 
MW-7010011200	PNV 25 PNB OO	MW-7020011200	PNV 35 PNB OO	MW-7030011200	PNV 45 PNB OO	
MW-7010011300	PNV 25 PND OO	MW-7020011300	PNV 35 PND OO	MW-7030011300	PNV 45 PND OO	
MW-7010012100	PNV 26 PNS CC	MW-7020012100	PNV 36 PNS CC	MW-7030012100	PNV 46 PNS CC	5/3 
MW-7010012200	PNV 26 PNS OC	MW-7020012200	PNV 36 PNS OC	MW-7030012200	PNV 46 PNS OC	
MW-7010012300	PNV 26 PNS PC	MW-7020012300	PNV 36 PNS PC	MW-7030012300	PNV 46 PNS PC	